

CALGARY

ALBERTA

"City of the Foothills"

PRESENTING INTERESTING
INFORMATION AND
AUTHORITATIVE STATISTICS
:: :: :: ILLUSTRATED :: :: ::



Municipal Manual

1923

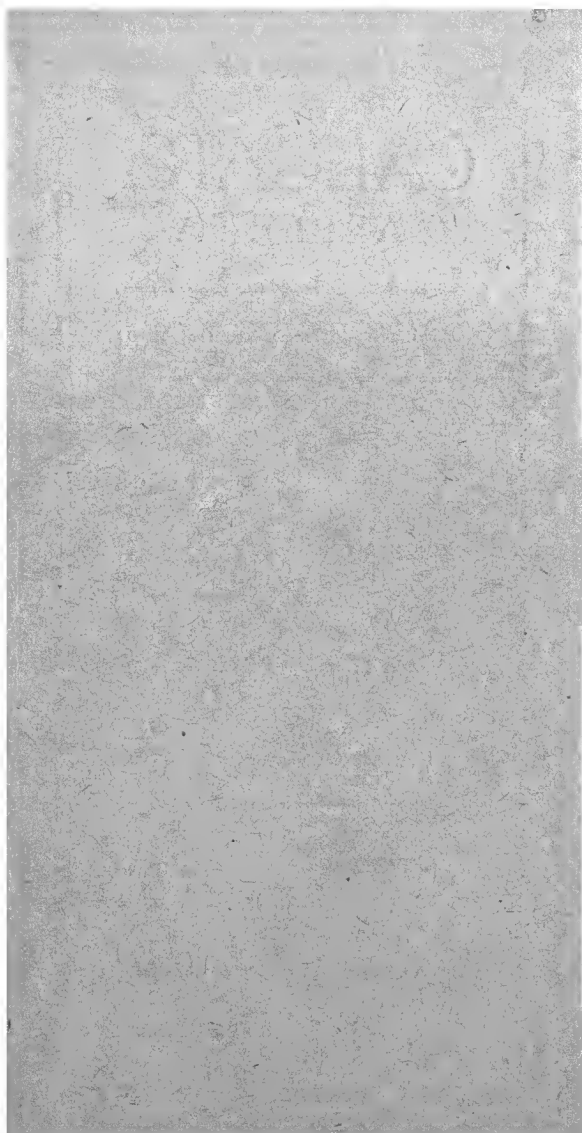
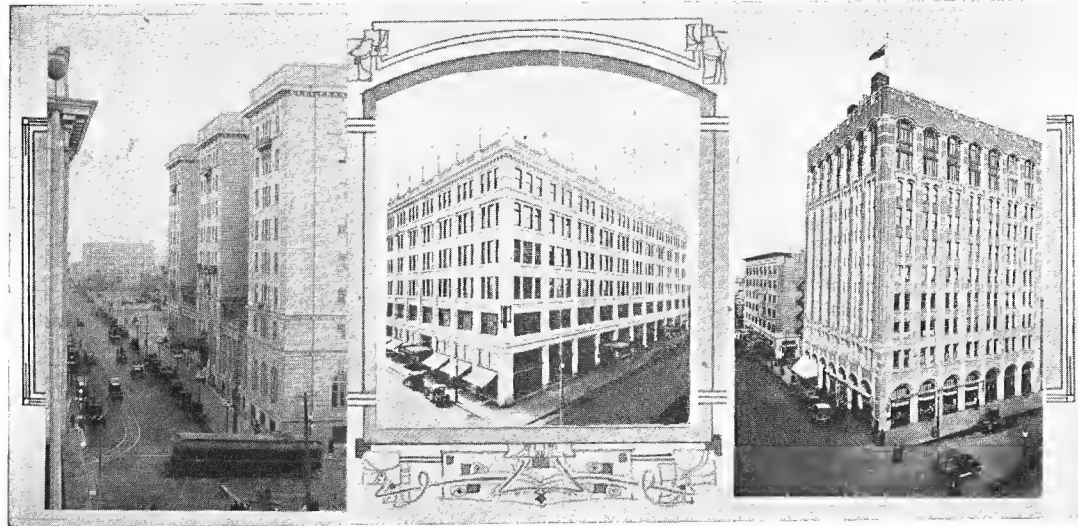




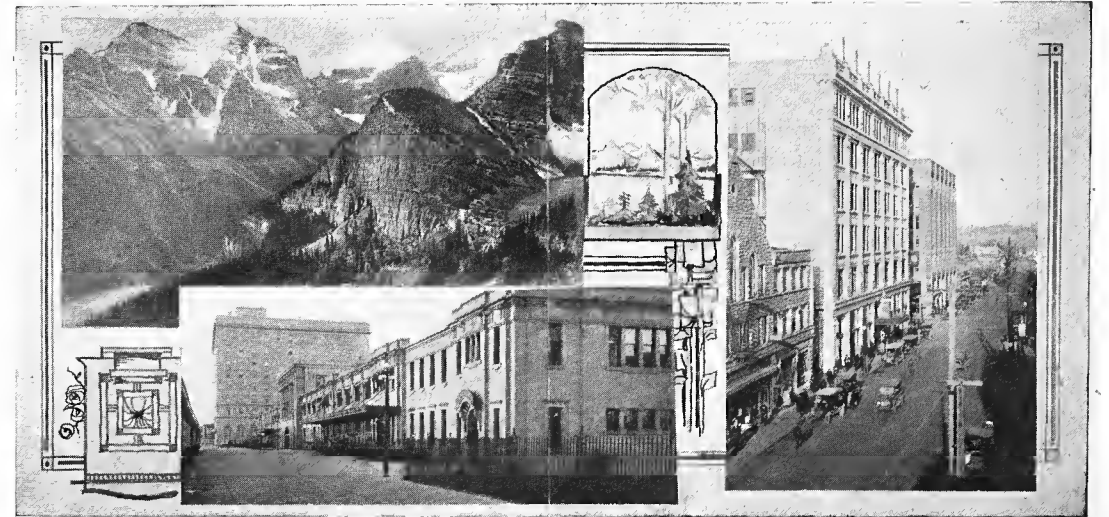
PHOTO
W. J. OLIVER



Street Scene: Ninth Avenue

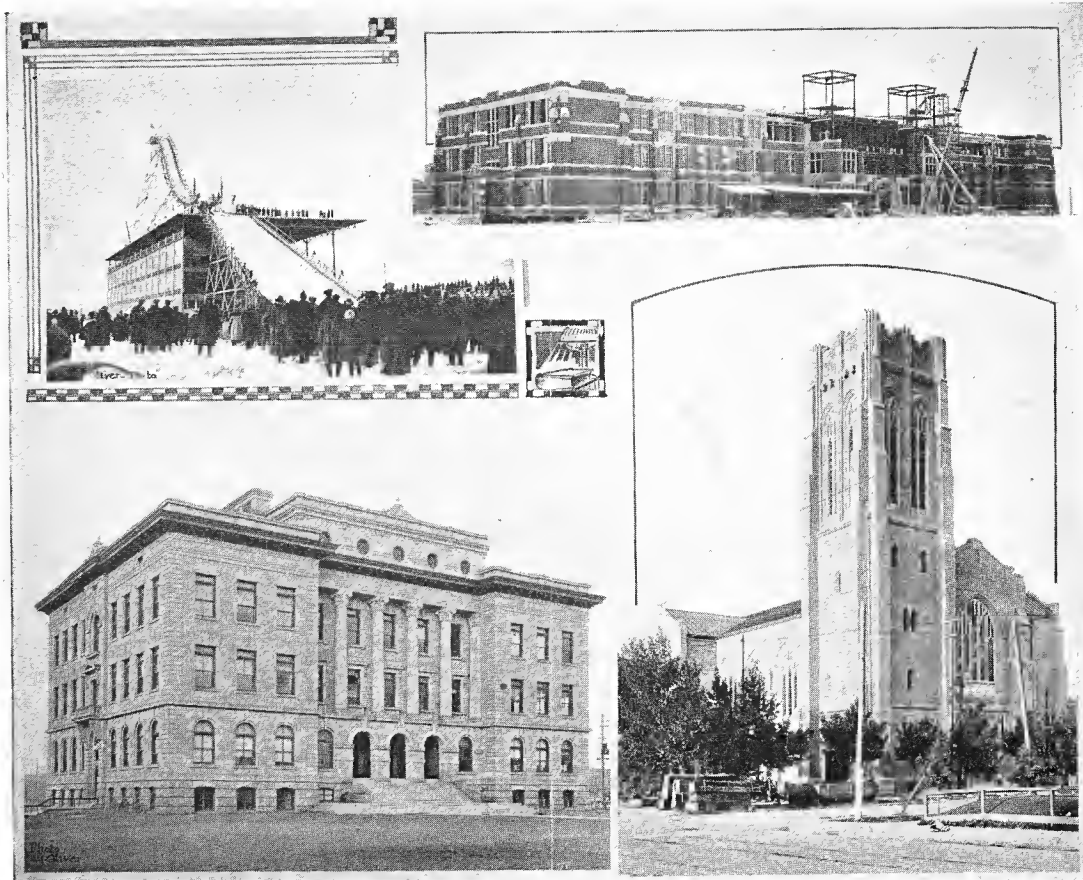
Hudson's Bay Departmental Store

"Herald" Building



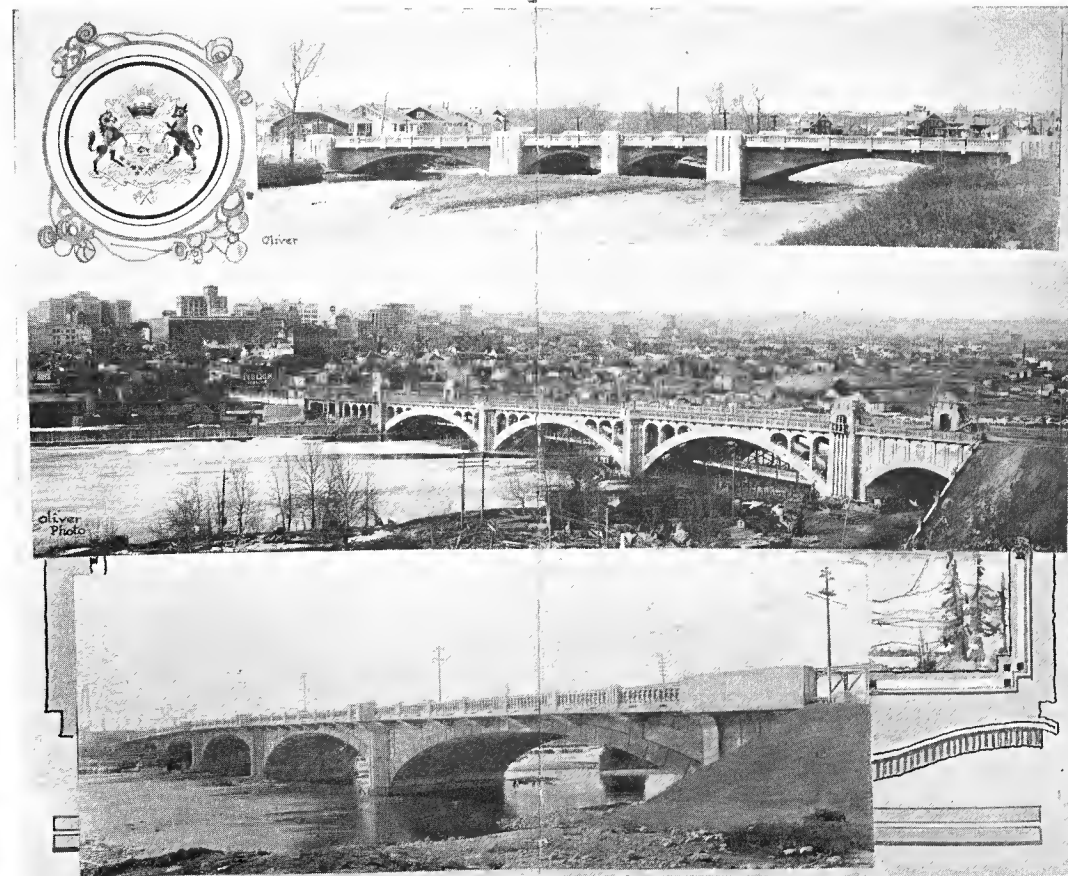
Source of Water Supply
C. P. R. Station and Buildings

First Street West looking North
from Eighth Avenue.



Ski Hill
Normal School

Technical Institute
Knox Presbyterian Church



"Mission" Concrete Bridge
"Centre Street" Concrete Bridge (High and Low Levels)
"Hillhurst" Concrete Bridge.

75-

Municipal
MANUAL

City of Calgary



1923



Compiled by the
CITY CLERK



To Tourists and Visitors

Calgary offers much of interest to visitors. Perhaps no city of its size on this continent possesses such fine business buildings or a larger number of comfortable and beautiful homes. It offers every facility for business or amusement that can be found in much larger cities wherever they may be.

In addition to the Hotel Palliser, one of the finest hostelrys on the continent, there are many other first class hotels, with rates to suit all purses. Unusual shopping facilities exist and several beautiful modern theatres provide the best there is in drama, vaudeville and pictures.

A drive about the City will be found of interest, and the residential districts on both the north and south hills should be included, as from them a magnificent view on a clear day can be obtained of the Rockies. The Sarcee Indian Reservation adjoining the City on the southwest provides an interesting drive. St. George's Island and Bowness Parks are specially worthy of a visit.

For the sportsman there is, in season, shooting for duck, chicken and partridge, as well as mountain trout fishing, all within a few hours' drive from the City.

Calgary is at the gateway of the Canadian National Park and an extremely interesting and picturesque motor drive of about four hours will take one to Banff (85 miles distant). Lake Louise and the Rockies are also available by motor car. The Banff-Windermere Road is now completed, and links up with the Grand Circle Tour (Blue Trail), which connects all the scenic attractions in Western America; passing from Calgary south through Glacier Park (Montana), Yellowstone Park, Grand Canyon (Arizona), Los Angeles and then north through San Francisco, Crater Lake Park, Spokane, Columbia River Valley (Windermere), and Banff, east to Calgary.

The Calgary Automobile Camp provides free camping facilities, such as water, light, fuel, lavatories and fireplaces. A caretaker, sworn also as a constable, is on duty at the camp entrance for the purpose of safeguarding tourists' property which they may temporarily leave at this camping place. It is located on St. Patrick's Island, access to which is via St. George's Island Park, near the centre of the City. To reach the camp, proceed on Ninth Avenue to Twelfth Street East, then north on this street and cross bridge to Park. Follow signs to camping ground. Caretaker constantly in charge. Visiting motorists are cordially invited to make use of this camp.

Calgary Automobile Club. For touring information or other assistance, visiting motorists are requested to call at the Club headquarters, 523 Centre Street.

The Calgary Board of Trade maintains offices in the Lougheed Building, corner First Street West

and Sixth Avenue, and the staff are always pleased to answer questions in regard to the City or Country, and its many opportunities. Club rooms are maintained by the Board in the same building, to which all visiting business men are cordially welcome.

Rotary, Kiwanis and Gyro Clubs welcome out of town members at the Palliser Hotel: Tuesday for the Rotarians, Thursday for the Kiwanians, and Thursday at Hudson's Bay for the Gyros. All prominent fraternal organizations are represented in Calgary.

Golf and Country Clubs offer special facilities to those interested in outdoor sports. The Municipal Golf Club is located in Shaganappi Park and can be reached by the Killarney Electric Car Line or by motoring along the South Banff Road. It is about 4 miles from the centre of the City. Visitors are permitted use of the links by applying to the caretaker; fees, 35 cents per game.

Oil and Gas Field. The Turner Valley Gas and Oil Field, in process of development, contains several wells producing gas and oil. Gasoline is extracted from the wet gas, and some of the gas, after treatment, is piped to Calgary for domestic uses. This field is within easy reach of Calgary, and offers a fine auto trip.

Oil Refinery. The Imperial Oil Company has erected, at a cost of \$2,500,000, a very large modern oil refinery in Calgary, situated in the Ogden district. This plant is worthy of a visit.



CITY OF CALGARY

Calgary is named after a small town in Scotland; the word "Calgary" is of Gaelic origin, and means clear water.

LOCALITY AND ADVANTAGES

The City of Calgary is the business centre of the Province of Alberta, and the largest and most important city between Winnipeg and Vancouver. Its location on the C.P.R. main line in the foothills of the Rocky Mountains at the junction of the Bow and Elbow Rivers, is picturesque. By reason of its geographical situation, the abundant supply of pure water, the untold wealth of the surrounding country awaiting development, and above all by reason of its cheap electric power, the City offers most desirable inducements for the establishment of manufacturing industries. An extract from "Townsites of the North West Territories," reads as follows:

"At the junction of the rivers (Bow and Elbow) on Section 14, is the town of Calgary, which will soon become one of the most important places in the Northwest. Its geographical position, picturesque site, proximity to the Rocky Mountains, access to wood and timber by way of both rivers, and its ample supply of excellent water all contribute to this end. C. E. LaRue, 1889."

At the time the above was written, Calgary had a population of less than 500. Present population 70,000.

The business section and part of the residential district has spread over the valley which was the original townsite, and has expanded over the surrounding heights, from which views of the Rocky Mountains are obtainable. Calgary is approximately 840 miles west of Winnipeg, 620 miles east of Vancouver, 138 miles north of the boundary line between Canada and the United States of America, and 80 miles from Banff, "The Playground of Canada, and the Canadian Alps."

SURROUNDING COUNTRY AND RESOURCES

Tributary to Calgary is a most prosperous agricultural, beef raising and ranching district, in area some thousands of square miles, and by virtue of the nutritious and abundant grasses growing throughout the surrounding territory, cattle raised in this locality are of the best; and by reason of its favorable climate and fertility of the soil, grain and vegetables produced in this district are excellent (see index "Exhibition").

IRRIGATION AND FARMING

Calgary is the headquarters of one of the largest irrigation projects in the world. Water for irrigating the fertile belt stretching from Calgary, north, east and south, is obtained from the Bow River. The head-gates of the main canal are located inside the City limits.

In the agricultural world, Calgary being the centre of thousands of acres of both irrigated and non-irrigated lands, famous for spring, fall and winter grains of all kinds, vegetables and wild and cultivated grasses, is highly attractive to prospective settlers and investors. As a direct result of this location and the productivity of the surrounding areas, a "Grain" or "Stock" Exchange and a large stockyard and packing plant were established some years ago. Calgary's importance as a grain centre has been officially recognized by the Government of the Dominion of Canada and the said Government has built a terminal elevator in this City (see index "Elevator").

RAILWAYS AND MARKETS

With three transcontinental railways operating into the City, and other branch lines projected, Calgary offers the wholesaler and the retailer great facilities for trade throughout the whole of the Dominion. This, coupled to an ideal location in the heart of a rapidly and ever-growing market, in the centre of tributary lands containing bountiful supplies of raw materials, places Calgary conspicuously before the manufacturer.

MINERALS, ETC.

Untold mineral wealth underlays the soil waiting for time and invested capital ere an idea can be conceived as to the intrinsic value and the benefits which will accrue to Calgary, Canada, and the British Empire therefrom. Chief among the minerals and other products of the lower stratas of the earth, found in the Calgary district are iron, lead, coal (bituminous, lignite, anthracite and coking), silicate sandstone, brick clay and shale, pottery clay, fire clay, etc. Oil of a high grade was, on October 7th, 1913, struck at a depth of 1,562 feet in a well on Section 6, Township 20, Range 2, West of the 5th Meridian, and now known as "Discovery Well," and since, in fairly good quantities in several other wells. Natural gas is also obtained from these wells, and when treated yields gasoline in payable quantities. The gas (after the gasoline has been extracted) is now "piped" to Calgary gas consumers. Wells are still being sunk.

INDUSTRIES

The chief industries located in Calgary and district are: Ranching, farming, meat packing and meat products, oil refinery, manufacture of flour, biscuits, breakfast foods, breweries, temperance drinks, cement and cement blocks, rough and finished lumber, wood-working plants, sash and door mills, beds and mattresses, saddlery and leather goods, show cases, tents, confectionery, cigars, soap and similar commodities, ironworks, machine shops and welding, C.P.R. repair shops for western division, liquid air plant, brickyards, bakeries, dairies and butter, etc.; ice cream, stockyards, tannery, headquarters of coal companies, headquarters in province for insurance companies, horticultural, box factory, Ford assembly plant, automobile repair shops.

HOSPITALS

The General Hospital, instituted October, 1890, incorporated November, 1890; present hospital opened February 1st, 1910, with 200 beds, present capacity. Prior to April, 1919, it was under the control of a private Board, but it is now administered by the City, together with hospitals for the following: Tuberculosis (45 beds), Smallpox (6 beds), Isolation (85 beds).

There are in addition to those above mentioned a number of privately owned hospitals and nursing homes, the chief of which is the Holy Cross Hospital.

Finances are obtained from City taxation, certain Provincial Government grants and patients' fees.

The Government grants for 1922 to Municipal Hospitals totalled \$39,700.00.

For rates, etc., see index "Hospitals."

The Dominion Government completed and opened in the year 1920 a large modern sanatorium for the treatment of tuberculosis cases.

This institution is within a short distance of the Bowness Line of the Municipal Street Railway, at Keith, 7 miles west of the City. It was originally designed to care for returned soldiers, but has so developed that civilians are now also treated.

LIBRARY

Those of our citizens possessing literary tastes may, on becoming members of the Calgary Public Library, have access to various works of literature by the world's best authors (see index "Library").

JUVENILE COURT, &c.

The "Children's Aid Dept.," hereto financed largely by the City and controlled by the Provincial Government, is now a department of the City, and as such is administered by the City Commissioners. For particulars re "Juvenile Court" see index.

MUNICIPAL OWNERSHIP

Calgary is essentially a City owned and operated for its citizens' benefit through their elected representatives, and owing to this fact its inhabitants enjoy an excellent service from the various municipal undertakings. Having decided in the year 1899 that municipally-owned utilities were for their best interests, as a first venture the then water-works system was purchased from the private company operating it, and steps were instituted to remodel and modernize the system. Success attended this venture and demonstrated to all that municipal ownership could, when properly administered, be successful, and accordingly in due course Electric Light and Power, Street Railway and Asphalt Paving Plant systems and a Public Market were established.

The Municipal Public Market furnishes an ideal medium of exchange as between the producer and the consumer. Write to the Market Superintendent for details.

Calgary has clean and well paved thoroughfares, beautiful residential districts, and business buildings, giving remarkable evidence of substantial growth. Municipally-owned utilities—particulars of which may be found in this publication—educational buildings, school system, and above all, its healthy climate.

BRIDGES

A modern reinforced concrete bridge spans the Bow River at Centre Street, Calgary, and bridges of similar construction cross the Elbow at Fourth Street West, and the Bow River at Ninth Street West.

METHOD OF CIVIC GOVERNMENT

The "Initiative, Referendum and Recall" is in operation in Calgary. By this means legislation may be initiated by the ratepayers, elected officials recalled or a referendum demanded on any public question or policy. To invoke these powers it is necessary to obtain the signature of qualified voters, equal in number to those cast at the last election for Mayor in the following percentages: For recall, 25 per cent.; for referendum or initiative, 10 per cent.

The government of the City is carried on under powers granted by the Legislative Assembly of the North West Territories, and amendments thereto from said body, and later from the Provincial Legislature of Alberta. The Council is composed of a mayor and 12 aldermen. The mayor is elected annually by a vote of the electors of the City at large, but at present charter powers to elect every two years are being sought, the Mayor's election to alternate with that of the other Commissioner.

CONTINUITY OF COUNCIL, ETC.

In order that some members of each year's Council may be on intimate terms with the City's business, the aldermen are now elected from the City at large to a two-year term of office, six aldermen retiring, in the ordinary course of events, on December 31st of each year. The transition from a one to a two-year term of office was accomplished in **December, 1918.**

A Commissioner is elected on a vote of the electorate of the City, to hold office for a term of two years. The Public and Separate School Trustees are also elected annually from a vote of the entire City, the number of members to be elected each year being determined by vacancies on the respective Boards. The number of members composing the Public School Board is 7 and the Separate School Board 5.

QUALIFICATIONS FOR MAYOR, ETC.

The Mayor is the chief magistrate of the City. Persons eligible for election as Mayor, Commissioner, Alderman, Public or Separate School Trustee must be British subjects, qualified electors of the City, male or female, of the full age of 21 years, and who are not disqualified under the ordinances incorporating the City of Calgary.

ELECTIONS, NOMINATIONS AND VOTING

All elections for officials are held under the "Proportional Representation System," which was finally adopted by the City in the year 1917.

The nominations are held annually on the first Monday in December, and the election on the second Wednesday following. The hours of polling are from 9 a.m. to 8 p.m., and "the persons qualified to vote in the above connection are those persons, male or female, 21 years of age or over, whose names appear on last revised assessment roll; or resident British subjects or tenants, male or female, 21 years of age or over, who have resided continuously in the City for at least 6 months prior to the 1st of June in the year the voters' list is being prepared, and who register during the month of June or July in each year, their names at the City Clerk's Office. (The first two weeks in October are also set apart as a final period for Registration and Revision of the Voters' List.) If registered British Subjects or registered tenants vote at an election their names are added to the Voters' List for the year following such election. Qualifications for voting on by-laws, same as above but owners of real property only, whose names appear on the last Revised Assessment Roll assessed for real property to the value of \$100.00 or more.

COUNCIL'S DUTIES

The Council as a whole is the legislative body and carries on the legislative work through standing committees in the usual way.

COMMISSIONERS' DUTIES

The Board of Commissioners, consisting of the Mayor and one other Commissioner, is the executive body and as such regulates and supervises expenditures, directs and controls departments, nominates all heads of departments, Comptroller excepted, prepares specifications and estimates, advertises for tenders for work, materials and supplies required, inspects and reports to the Council on the municipal work being carried on or in progress within the City; administers the affairs of the City, except schools.

The Aldermen receive no remuneration for their services, the electorate refusing to authorize same, but the Mayor and Commissioner receive a salary of \$5,000 and \$4,000 per annum respectively for year 1922.

Calgary's form of municipal government (Commission with Council) has proven in this City of large municipally-owned undertakings to be a safe and sane method of administering the community's affairs.

The Commissioners cannot legally act on important questions, or incur expenditures over \$500.00 before submitting the facts, policies and recommendations to and receiving the Council's instructions.

The Commission form of government had its inception, in so far as Calgary is concerned, in 1907, the Commission then consisting of the Mayor, City Clerk, and City Engineer, said Board being appointed by the City Council. After a brief trial this Board was found to be unsatisfactory, as no matter what good policies the Board might institute or desire to initiate, at least two of the members were not in a position to uphold their policies against possible opposition.

The afore-described Board was supplanted in 1908 by a Commission consisting of the Mayor (chairman), and two Commissioners, the latter two appointed by the Council. Our citizens deemed it their privilege to say as to whom should administer civic affairs and the Council adopted the policy of holding a plebiscite, the two names submitted for the office of Commissioner and receiving the highest number of votes to be appointed by the Council. This method in 1913 gave way to straight election of Commissioners.

The electors in December, 1918, declared by a large majority to retain the present form of Municipal Government, and in December, 1921, to be in favor of reducing the Commissioners to two, one of whom is the Mayor. This change became effective on January 1st, 1923.

ASSESSMENT, TAXES, BOARD OF REVISION

General and Business Tax Assessment Rolls are compiled in the fall of each year for use after confirmation by the Board of Revision for taxation purposes, etc., during the following year. (At present Charter Powers are sought to have the Assessment Roll completed in October preceding the year in which such Roll is to be used.)

The Board of Revision consists of three members appointed by by-law of the City Council and sits each year to hear appeals against assessment or non-assessment and to revise and confirm the assessment rolls. Appeals against assessment or non-assessment must be in the hands of the City Assessor at least five days before the first meeting of the Board of Revision. The Board of Revision on business assessment usually sits on or about January 20th, and on real property assessments on February 9th. Assessment notices giving particulars of the assessment for the succeeding year and covering the whole City are mailed on December 31st. Every property owner and those liable for business tax should secure this notice of assessment, and if dissatisfied with the valuation placed thereon should appeal at once in writing to the City Assessor, giving the assessment number and reasons for appeal.

(Note: If powers are obtained whereby the assessment is completed in October of the preceding year, naturally the dates for mailing notices and holding Boards of Revision will change.)

On purchasing property you should appear at the Assessor's office and present for his information the agreement of sale or title. If a non-resident, write the Assessor.

REAL PROPERTY (General Tax)

After the assessment roll for real property is finally revised and confirmed, usually in February of each year, and the estimated nett expenditure to be raised by the general tax is fixed by Council, the tax (mill rate) is struck as follows:

Estimated expenditure (less utilities and revenues from sources other than the general tax) \times 1,000 \div real property assessment (including special franchise and excluding business tax assessment) = No. of mills constituting the tax rate. (A mill is \$.001).

Each dollar assessed and taxed on the "Real Property" tax rate must pay the mill rate as above determined, unless the property is situated in the outer area, when a tax of 20 mills only may be levied.

The Council by by-law, fixes the dates up to which certain discounts on general taxes paid, may be secured. For 1923 it is proposed that the dates be June 20th, 10 per cent.; July 20th, 8 per cent.; August 20th, 6 per cent.; September 20th, 4 per cent.; October 20th, 2 per cent. From and including October 21st to December 31st, 1923 taxes will be payable at par. After December 31st, 1923, a penalty of two-thirds of one per cent. (added the first of each month), is imposed on 1923 taxes unpaid.

Tax notices, giving details of the mill rate, general and special taxes due, arrears, penalties, discounts, etc., are then mailed. Taxes are due on demand. No discount is allowed on special or Provincial taxes.

"Special taxes" are invariably "Local Improvement" and "Frontage taxes," such as for sewers, paving, sidewalks, boulevards, curb and gutter, grading, gravelling, water mains the cost of which is chiefly borne by the properties fronting or the district benefitted. The Provincial Tax is levied by the Province of Alberta on land values only.

BUSINESS ASSESSMENT AND TAX, 1923.

The Business tax first became operative in 1916 and the provisions governing have been amended as necessary from time to time. All businesses, trades, professions, etc., must be assessed each year for a sum equal to the full annual rental of their business premises, whether land or buildings or both, provided, however, that if such assessment is not equal to those of surrounding similar places and businesses, the assessment may be raised or lowered to make all assessments affected equitable. After the Business tax roll has been revised and confirmed and the Council has set the rate and discount periods, tax notices demanding payment of the Business tax, giving particulars of the amount due, discounts, etc., are mailed. A discount of 3 per cent., is allowed if paid before March 31st. Distress warrants may be issued if taxes are unpaid by April 15th, 1923. The tax rate on all businesses is 10 per cent of assessed rental value. As license fees are now based on the cost of supervision by the City, no rebate is given off business tax on account of any license fee paid to the City.

TAX RECOVERY

The existing laws concerning unpaid taxes are briefly as follows:

1. Not later than October 13th of the year following the tax levy, if taxes are unpaid the City must file in the Land Titles Office a caveat against all properties so in arrears.

2. One year after the filing of such caveat, if the property is not redeemed, the City applies for, and the Registrar of Land Titles issues, a new certificate of title in the name of the City.

3. After securing title the City must, within one year, offer for sale at public auction the land or lands for which title was so obtained.

4. If the property is not sold at such auction, the title remains in the name of the City, but must be sold at the earliest possible opportunity by private sale.

TAX EXEMPTIONS

The Dominion and Provincial Governments, Public and Separate School Boards, Incorporated Colleges, (on lands and buildings used for school purposes), Church buildings and Church lands (up to one-half acre); are all exempt from General taxes but are liable for Local Improvement taxes.

The C.P.R., by their Act of Incorporation claim exemption from General and Local Improvement taxes on their right-of-way, buildings thereon, and on all lands owned by them for a period of twenty years (unless previously sold and occupied) from date of patent.

VOTERS' LIST

The fact that you have paid taxes does not qualify you for a vote. See that your name appears on the Voters' List to be seen in the City Clerk's office. This matter should be attended to prior to the 1st of August in any year. An elector is entitled to vote once only at any election on the same question, and must vote at the booth noted on the Voters' List for such elector. Only qualified electors whose addresses are given as in Calgary, are entered on the Voters' List. A qualified non-resident voter who is in the City on election day and wishes to vote must apply in person at the Assessor's office for a certificate.

MUNICIPALLY-OWNED INDUSTRIAL SITES

Calgary offers to manufacturers industrial sites owned by the Corporation at the cost price. These are located in various parts of the City and the first were purchased in 1911 to provide for industrial development.

"Manchester," within the southern limits of the City, situated on the Calgary-Lethbridge branch of the C.P.R., is offered manufacturers desirous of locating in Calgary, on the following terms:—

Street cars, sewer, water and electric light and power are extended to and in use in "Manchester." This property is approximately two and one-half

miles from the Post Office. Applications for sites should be addressed to the City Clerk.

1. Cost price, \$1,200.00 per acre; one-third cash, the balance in equal instalments divided over a term agreeable to the purchaser, up to six years, with interest at 6 per cent., payable annually.

2. (a) The purchaser or purchasers must agree that all buildings erected on land bought by them shall conform to the requirements of the second-class fire limits of the City.

2. (b) To use the land for 10 years from the date of purchase for manufacturing purposes only, and after 10 years for the same purpose until otherwise allowed by by-law of the City of Calgary.

2. (c) To begin building operations on the land purchased within six months from the date of purchase and to complete the buildings within a reasonable time, and if the purchaser or purchasers fail to carry out this provision the agreement shall be void and the land revert to the City.

2. (d) That he or they shall not assign or sublet without the consent of the Council of the City of Calgary.

2. (e) To pay the City of Calgary its proportionate share of the rental of the main spur or spurs constructed to serve the subdivision.

Two miles east of the City limits and about five miles from the Post Office lay other industrial sites. This property is served by the Canadian National Railroads.

The City also owns several blocks of land in the subdivision known as Calgary Junction.

Another site within easy reach lies about two miles northeast of the Post Office. The Calgary-Edmonton branch of the C.P.R. runs through this property.

The City had power to limit the assessment on lands used for manufacturing purposes to \$5,000.00 per acre until January 1, 1923, and to exempt from taxation buildings, improvements, machinery and stock being used on said land subject to a by-law providing for such limited assessments and exemptions being ratified by the people as in the case of a money by-law.

The above clause does not mean that the industrial concerns are exempt from Local Improvement taxation.

If the aforesaid lands, buildings, stock or improvements cease to be used or occupied for the purposes aforementioned such land, etc., so ceasing to be used or occupied shall be liable to taxation in the usual manner.

Further information in respect to the above will be gladly furnished by the City Clerk.

CITY HALL

Calgary's City Hall is situated at the corner of Seventh Avenue and Second Street East. The site was obtained in the year 1885.

Construction work on the present building was begun in the year 1907.

The building is a solid sandstone structure, with reinforced concrete floors, fireproof construction,

and cost in the neighborhood of \$300,000.00. The frontage is 112 feet on Second Street East; depth, 128 feet on Seventh Avenue, and a floor space of 33,280 square feet. The height of the tower from the sidewalk is 100 feet.

Most of the materials for the building were obtained in the neighborhood of the municipality. It was formally opened for business in the month of January, of the year 1911. The present City Hall has not sufficient space to accommodate all the City's executive offices, and the interior has been remodelled in part to try and solve the difficulty.

POLICE HEADQUARTERS

As a result of the rapid growth and development of Calgary, and the corresponding increased volume of civic business, it has been necessary to erect in close proximity to the existing hall, a building of modern fireproof construction, consisting of reinforced concrete framework and floors, and brick filling with stone trimmings, to be used as a Police Headquarters, and for other civic departments. This building was completed on August 31, 1914.

DOMINION GOVERNMENT ELEVATOR Calgary, Alberta.

Office—East Calgary.
Manager—S. C. Brown, Esq.

The Canadian Government Elevator at Calgary is a reinforced concrete terminal elevator of 2,500,000 bushels capacity. This interior terminal elevator, together with similar elevator of 3,500,000 bushels capacity each, at Saskatoon and Moose Jaw, Sask., were constructed by the Board of Grain Commissioners for Canada to operate in conjunction with the Board's Lake Terminal Elevator at Port Arthur, Ont., and with the Board's Ocean Terminals at Vancouver, B.C.. The purpose of the Calgary elevator is to provide storage and cleaning facilities for grain grown in the Province of Alberta, and to act as a reservoir for shipments to the East via the Great Lakes, or more especially for shipments westward to Vancouver, where it may enter the trade routes of the Pacific, or of the Atlantic via the Panama Canal.

The Calgary elevator will be a great boon to the farmer during a period of congestion in transportation and, possessing as it does the most up-to-date facilities for treating damaged grain, will prevent grain going out of condition on account of excess moisture while in transit.

The plant consists of the following units, all of reinforced concrete construction and absolutely fireproof:—

(1) The work house is known as a 13-leg house with storing capacity of 500,000 bushels, capable of handling 90 cars in and 90 cars out per day.

(2) A storage house of 56 circular bins 23 feet 2 inches in diameter, and 92 feet high, with a capacity, including the interspace bins of 2,000,000 bushels.

(3) A drier plant fitted with a Morris grain drier which has ample capacity to remove 7 per

cent. excess moisture from grain at the rate of 1,000 bushels per hour, or of about 20 cars per day under average conditions. The heating factor in this drying plant is two 100-horsepower marine type boilers located in a special building.

The elevator is electrically driven, power being supplied by the City of Calgary at 12,000 volts and reduced in the elevator sub-station to 550 volts for power purposes and 110 volts for lighting. A separate motor drives each machine, 53 motors being required to run the plant.

A Cyclone Dust Collector system is employed to remove the dust and floor sweepings, and a compressed air system for blowing dust from motors is also part of the elevator equipment.

The elevator is especially well equipped for cleaning grain, its cleaning equipment consisting of 10 receiving separators, each with a capacity of 1,000 bushels per hour, or a small carload; two flax separators; two wheat and oat separators, and a screening separator. These machines provide for all ordinary grain separations as well as for cleaning seed grain.

A screening grinder of large capacity is installed for grinding elevator screenings for stock feed purposes. All grain received and loaded is weighed in Hopper scales located in the warehouse cupola; six in number are installed, each with a capacity of 2,000 bushels, or 120,000 pounds.

The elevator is connected by a direct spur track to the C.P.R., and Canadian National Railways by transfer connection. Ample trackage is provided on the Government property for unloading and sorting cars. The Government own trackage which is approximately three miles, and has accommodation for 350 cars.

The total cost of the Calgary elevator was approximately One Million Dollars.

HYDRO-ELECTRIC POWER

General Superintendent, F. J. Robertson,
Seebe, Alta.

Calgary is supplied with the bulk of its electric power from the Calgary Power Company's two hydro-electric plants, situated 50 and 52 miles respectively, at Seebe, on the Bow River, west of Calgary.

No. 1 plant was completed and delivering power in 1911. The dam is a solid concrete structure across the Bow River, the foundation resting on rock and shale. Water is led to the power house through steel penstocks of 12 feet in diameter, the "head" of water being 70 feet. Generators of a total capacity of 19,500 h.p., are installed in the power house, the voltage of generators being 12,000, this is stepped up to 55,000 volts by transformers for transmitting to the City of Calgary over two separate high tension lines.

Owing to low water conditions of the Bow River during the winter months, the Calgary Power Company soon found it necessary to build a second plant to enable them to handle the rapidly increasing demands for power. The site chosen for the second

plant is known as Kananaskis Falls, and construction work was started on this site November, 1912. The entire work was completed and power being delivered both to the City of Calgary and to the large cement mill at Exshaw in January, 1915. Generators of a total capacity of 11,600 h.p., are installed at No. 2 power house, the generators being driven by turbines working under a head of 70 feet. The dam consists of a solid concrete structure 600 feet in length and is capable of discharging over 40,000 second feet of water should the occasion arise. The Company have also built a dam across the Devil's Canyon at Lake Minnewanka, by which means the old level of the lake has been raised 12 feet, the large volume of water stored during the summer months is released in winter, the natural flow of the river being increased considerably at this low water period.

The cost of building No. 1 plant was in the vicinity of \$2,000,000.00, and of No. 2 plant, \$1,000,000.00.

NATURAL GAS

Office—215 Sixth Avenue West, Calgary.

Natural Gas in the Bow Island field was discovered by Eugene Coste, drilling on behalf of the Canadian Pacific Railway Company, in the year 1908.

In 1911 the railway company transferred the discovery well and gas rights over some 2,425 square miles to Mr. Coste upon his undertaking to pipe gas to Calgary and Lethbridge.

The Canadian Western Natural Gas, Light, Heat & Power Company, Limited, was soon afterwards formed to carry out this project. A number of wells were immediately drilled and all proved to be good gas producers.

On April 11th, 1912, work was commenced on a 16-inch steel trunk pipe line between the Bow Island field and Calgary, a distance of approximately 171 miles, and was completed on July 17th, 1912; thus establishing what is believed to be a record in the history of the natural gas industry. The significance of the enterprise may perhaps best be realized when it is noted that some 600 freight cars were required to transport the 21,000 tons of material required for the trunk pipe line alone. Two steel mills at Loraine, Ohio, and McKeesport, Pennsylvania, each ran continuously for about three months making this pipe. The trunk line cost over two million dollars to put into service.

While the construction of the trunk line was in progress, many miles of new mains were laid in those parts of the City not already covered by the gas mains of the old Artificial Gas Company and the old Natural Gas Company, which had been purchased by the Canadian Western Company. On July 23rd, 1912, nature's ideal fuel from the Bow Island field was diverted into the above plant and delivered to the householders of this City.

Calgary receives its present supply of gas from 19 producing wells in the Bow Island, Chin Coulee and Turner Valley fields, and is supplied by the

Company at 53 cents per 1,000 cubic feet, less a discount of 5 cents per 1,000 cubic feet when the gas bill is paid within ten days from the date of same. There is also a minimum charge of \$1.00 to users of small quantities of gas.

HISTORICAL

Calgary was so named in 1876 by Col. Macleod, then commanding the Mounted Police detachment at this point. He named it after his old home, Calgary, a small estate on the Isle of Mull, Scotland. "Calgary" is said to mean "clear running water."

1875—The first detachment of the Mounted Police arrived under command of Captain Brisbois, who built Fort Brisbois near the confluence of the Bow and Elbow Rivers. This was the first white settlement at this point, which continued to be known by the outside settlers as "The Elbow." The I. G. Baker Co., of Montana, and the Hudson's Bay Co., shortly afterwards opened the first trading post.

1876—Col. Macleod took command of the post and renamed it Fort Calgary. The word came later to be spelt with one "r," Calgary, which is its correct Scottish spelling.

1881—Calgary consisted of the Hudson's Bay Store, I. G. Baker's Store, Mounted Police Barracks and the house of the commanding officer.

1883—First train from Winnipeg reached Calgary, 28th August. Dominion Land Office opened.

1884—Incorporated as "Town of Calgary." Area approximately 1,600 acres. Population, 500. Sections 14, 15 and 16, South of the Bow River, within the Town limits. First Council meeting, December 4th, 1884, in Royton Hall; Mayor, George Murdock; Councillors, S. J. Clarke, N. J. Lindsay, J. H. Millward, S. J. Hogg. Railway time adopted. Design of Corporation Seal completed and adopted. Government petitioned by Town for power to issue licenses, proceeds to be property of municipality.

1885—Calgary asks for arms for the protection of the City. Site for town hall, market place and fire hall donated. Combined town hall, police court and police cells erected; cost, \$1,694.00. Fire brigade, hook and ladder company organized. Seal received and adopted. All by-laws repealed and passed under seal. Government asked for 50 acres of land for cemetery. Sir Hector Langevin petitioned re bridge across Bow River (Hence name "Langevin Bridge"). Public Market established. Wells sunk to provide water for fire protection. Night watchman appointed. Cemetery site selected—located on Section 18, Township 24, Range 1, West of 5th. Holloway chemical engine purchased. Land for park granted to the Town.

1886—First train from Montreal to the Pacific Coast passed through Calgary with Sir John and Lady Macdonald as passengers.

Auditors appointed. Fire limits arranged. Building restrictions enforced. Safe purchased for storage of papers and records. Steps taken for stock-yards site in Section 11. Permission given to erect

poles in lanes of City. First grading started on streets and avenues in Calgary. Six special constables appointed as night watchmen. Contract let for erection of fire hall and tank, \$4,775.00. First loan arranged, \$6,000.00. Fire brigade organized.

1887—Fire hall built. Council offers to lease land to C.P.R. for 21 years for stock yards. Electric light poles to be erected on streets. Contract for building sidewalks let. Water tanks, 30,000 gallons capacity, constructed. Recommend contract be executed with Electric Light Company to light streets for one year with 10 32 c.p. lights at \$6.00 each. Agitate to increase number of Councillors by two. Proposed to pay Mr. Prince \$1,500.00 for purpose of building bridge across the Bow River at west end of town.

1888—Government bridge across Bow River at Dewdney Street completed. Transient traders licensed. Dog tags procured. Bids asked for construction of waterworks and supplying town with water and fire hydrants. Town debt, September 12th, 1888, \$27,283.00, with \$12,000.00 debentures on hand—balance, \$15,283.00.

1889—Visit of Lieutenant-Governor. Negotiations re establishment of flour mill and daming Bow River. Government memorialized re islands in Bow River for parks purposes. Tender of \$675.00 accepted for erection of market building.

1890—Visit of H.R.H. Duke of Connaught, ex-Governor-General of Canada. Official celebration on the occasion of first sod turned on Calgary and Edmonton Railway. Three islands in the Bow River opposite the Barracks acquired for parks purposes.

New sewer line to be constructed.

1891—Calgary and Edmonton branch of the C.P.R. started operation.

1892—\$800.00 grant for Tannery site. \$5,000.00 grant to Flour Mill of 150 barrels capacity. \$3,000.00 invested by Town in boring for gas. Cable ferry across Bow River instituted. Petition Government to establish remount depot.

1893—Charter for City of Calgary under preparation. Macleod branch of C.P.R. started operation.

1894—Incorporated as the "City of Calgary." \$800.00 paid as purchase price of site for Indian School. Consul appointed for Norway and Sweden.

1897—Klondyke rush started. Bridge over Elbow erected—cost \$1,248.00.

1898—C.P.R. located repair shops, etc., at Calgary: City gave a bonus of \$25,000.00. Council goes on record as favoring municipally-owned waterworks. All monies received from tax sales to be placed to credit of sinking fund just established. Pound established. The Governor-General visits Calgary. \$200.00 forwarded to relieve New Westminster fire sufferers.

1899—General Hospital incorporated. Steps taken to purchase waterworks from Calgary Gas & W. W. Co. Medical Health Officer appointed.

1900—Calgary Gas & W. W. Co.'s water system purchased.

1901—Limits extended to include Victoria Park. City assumes control of Victoria Park. Public receptions to Albertans returning from Boer War. Visit of Lieutenant-Governor and Legislative Assembly. City Clerk instructed to secure seal for city.

1902—Considered advisable to retain sufficient land for future stockyards.

1903—City limits extended to include a small portion in the N.E. quarter of Section 11-24-1—west of the 5th M.

1904—Decided to number streets and avenues and Dispose of names. C.P.R. irrigation works started east of Calgary. Foundation stone of Church of the Redeemer laid. Fire hall enlarged. Hose wagon and chemical engine purchased.

1905—Engineer instructed to prepare plans of Electric Plant. Natural gas franchise granted. Tender in the amount of \$4,632.00 for construction of new power house accepted. Bridge over Elbow at Second Street East completed—cost \$7,678.79. First boulevard constructed. By-law 619 establishing Electric Light Plant, effective July 31st, passed.

1906—Construction of Electric Railway considered. Committee appointed to consider establishment of Public Library. \$5,000.00 granted to New Industries Committee for publicity campaign. City limits extended to include a small portion of N.W. quarter of Section 11-24-1 West of the 5th Meridian.

1907—City limits extended to include Sections, part N. half 4 and part N.W. quarter 3, N. half 5, all 8-9-10-11. Sections 12 and 13, S. and W. of Bow River, 15 and 16 N. of Bow River, all 17 park in Section 18 and S. half of Sections 20-21-22 and 23. Primitive commission form of government introduced. Subways to be built at Elbow River, First Street West and subway at Second Street East to be altered.

City Limits extended. Decided to build Municipal Street Railway. Tenders called for street railway necessities. Decided to petition Legislature for power to elect board of control or commissioners.

Gravity water system built.

1908—Municipal Railway started construction. Municipal blacksmith shop erected. St. George's Island bridge built. Mr. Carnegie offers \$50,000.00 to establish public library.

1909—Commission form of civic government introduced. Calgary Public Library Board start the erection of the first public library in Alberta. Bow River tunnelled for water, mains.

1910—City limits extended to include Tp. 24, R. 1, W. 5. Hydro-electric power for Calgary. Industrial sites purchased. Plans of entrance of G.T.P. submitted for approval. Riley Park donated to the City. Sir Wilfrid Laurier visits Calgary. C.N.R. submits tentative plans for entrance into City.

1911—G.T.P. Ry. and C.N. Ry. submit revised plans for entrance into Calgary. C.P.R. Co. and the Hudson's Bay Co. start erection of large

buildings. Present City Hall opened for business. New fire headquarters built. City limits extended to include N. half of Sec. 34 and all Sec. 25 and 36, Twp. 23, R. 1, West of the 5th Meridian, and Sec. 33 and 28, Twp. 23, R. 29, West of the 4th Meridian.

1912—Visit of T.R.H. the Duke and Duchess of Connaught and Princess Patricia. C.P.R. car shops—greatest in Western Canada—located in Calgary. Municipal paving plant installed. Natural gas piped to the city from Bow Island. C.N.R. submit plans for station. Library opened to public.

1913—Wards abolished insofar as elections for Aldermen concerned. Two-year term for Aldermen instituted. Agreement authorized with Hospital Board bringing the control of General Hospitals in Calgary under the jurisdiction of the "Calgary Hospitals Board." G.T.P. steel laid in city limits, March 27. C.N.R. steel laid in city limits, April 21. Hudson's Bay Co. removed to new building. Municipal laboratory opened.

"Made in Calgary Show" first held. Union stockyards proposed. Oil discovered in Calgary district, October 7, 1913, at the depth of 1,562 feet. Industrial building authorized, \$350,000.00 authorized for purchase of site and erection of ahattoirs, etc. (For further particulars see Statistics.) Construction commenced in June of Police Building.

1914—G.T.P. first passenger train arrived, February 26, 1914. Visit of Duke and Duchess of Connaught and Princess Patricia curtailed by reason of war outbreak. Police Building completed, Aug. 31st.

Dingman "Discovery Well," producing 25 barrels of oil per day; bi-weekly shipments of high-grade oil, nearly pure gasoline. Monument to South African Veterans unveiled.

Concrete and Steel Bridge Bylaws passed. Purchase of Alberta Stockyards rejected by ratepayers. Feb. 23: First regular passenger train arrives over C.N.R. May: 1,000 feet oil in Dingman Well. C.P.R. Hotel "Palliser" opened.

All Church property exempted from taxation.

Herald Building completed.

International Irrigation Congress held at Calgary. Delegates attend from all quarters of the globe.

Calgary mobilizes 4,500 for Empire's defence.

Industrial Building project was abandoned.

1915—Municipal retrenchment for war purposes. Preponderance of military at Industrial Exhibition. High floods in June. Old Centre Street Bridge washed out; F. C. Lowe's Elbow Bridge carried away; Bonnybrook Bridge pier undermined, endangering the bridge and necessitating extensive repairs. Large loss of lumber by Eau Claire Co., owing to hooms, etc., breaking. Three men drowned, one in Elbow, two in Bow; other near drowning. June 26: Temporary bridge built at Centre Street. Governor-General and later General Lessard inspect large number of troops recruited in Calgary district. Three Aldermen and about 250 civic employees en-

list for active service overseas. Mission Bridge, municipally built, opened in August. Prohibition Liquor Act carried in Calgary and Alberta by a large majority in July. \$875,000.00 reinforced concrete bridge, Centre Street, started construction by City Engineer; (grades commenced, piers, abutments, and north arch and retaining wall nearly completed). Charter amendment obtained providing for Business Tax on Rental Basis to be effective in 1916. Voting franchise extended to include all British subjects 21 years of age or over, resident in the City six months prior to June 1st of each year. Daylight saving scheme approved. Eighty-one munition workers leave Calgary for England. A number of Calgarians make the supreme sacrifice fighting for the Empire. Number of War Veterans return. Medical inspection of schools inaugurated. Gas Company sued by City to ascertain the extent of their franchise; City wins first trial. Municipal Golf Course opened. Australian Cadets visit Calgary.

1916—Reinforced concrete bridge spanning the Bow River at Centre Street, and costing \$875,000.00, completed.

March—Armories Building to be located in Mewata Park.

Sale of spirituous and fermented liquors containing more than 2½ per cent. alcohol forbidden from 21st July, 1916.

Sir Robert Borden, Canadian Premier, visits Calgary, Dec. 18th, in connection with prosecution of the war.

1917—First street car passed over the new Centre Street Bridge, Jan. 7th.

Armories Building construction commenced.

Dec. 1st: Duke of Devonshire visits Calgary.

Dec.: Elections first conducted under proportional representation.

1918—Postmen strike.

Oct.—Partial civic strike.

Nov. 11th: "Armistice Day."

Nov.—Armories Building completed.

Board of Assessment Commissioners supplants Court of Revision.

Soldiers' homes exempted from taxation for 1918.

1919—April: Soldiers' homes exempted from taxation from date of enlistment.

April 29th: Aeroplane first used in Calgary for commercial purposes; aerodrome built at Bowness Park.

May 3rd and 4th: Blizzard rages.

Prince of Wales entertained in City.

Duke of Devonshire (Governor-General) visits City. Hospitals come under direct control of civic authorities.

By-laws for Louise Bridge; Sewer Disposal Plant; Waterworks Extensions and Hospital Additions passed.

Large number of Calgary citizens return from overseas.
Street car accident on Seventeenth Avenue and Fourteenth Street West. One man killed, sixteen injured.
Calgary citizens contribute \$5,200,000.00 for Victory Loan.

1920—Hillhurst Bridge construction commenced.
Airplane Cross-Canada flight, touched Calgary.
Curfew plebiscite approved.
Gas plebiscite, re increased rates, defeated.
Tuberculin Testing of Dairy Cattle commenced.
Children's Aid Dept. comes under control of City Council and Commissioners.
Aldermen's Salaries plebiscite defeated.
Importation of Liquor prohibited by referendum.
Premier Meighen and Opposition Leader Mackenzie King visit Calgary.

1921—Group Life Insurance for civic employees instituted.
Accident and Sick Benefit Insurance instituted for civic employees.
Institute of Technology and Art Building commenced.
July 18th:: Calgary returns two Labor, two Independents and one Liberal members to the Provincial Parliament.
Dec. 6th: Calgary returns one Labor and one Progressive member to Dominion Parliament.
Gas rates increased to 58c gross by Board of Public Utilities.
April: Duke of Devonshire (Governor-General) and Duchess visit City.
March 27th: Gen. Booth (Salvation Army) visits City.
Reduction in number of Commissioners authorized by plebiscite.
Dec.: Woolworth Store burned.
Grasshopper plague.
Service Tax levied; Utilities taxed 4 per cent.
Allen's Palace and Capital Theatres, and North Hill Telephone Sub-Station built.
Hillhurst reinforced concrete bridge opened.
Hospital Annex remodeled as Nurses' Home.
Tuberculin Test applied to milch cows and cattle.
Turner Valley gas piped for Calgary supply.

1922—Service tax defeated.
Imperial Oil Company commences construction of \$2,500,000.00 oil refinery.
Lord Byng (Governor-General) and Lady Byng visits city.
Cemetery addition acquired.
Institute of Technology building completed and opened unofficially.
Normal School moved to Institute of Technology building.

1923—Jan. 1: Board of Commissioners reduced to Mayor and one other Commissioner.
Jan.: Institute of Technology officially opened.

DESCRIPTION OF CALGARY'S COAT OF ARMS.

The upper third of the shield shows the Rockies—our pride and glory. The lower two-thirds bears the Red Cross of St. George, mounted by the Maple Leaf (Canadian Emblem) which again is inset by a Buffalo Bull, the former master of our great country. The supporters, a Horse and a Steer, represent our wealth.



The Crest shows the Royal Crown (a sign of loyalty), and a Sunburst. Below are the Rose, the Thistle and the Shamrock, declaring our ancestry. Calgary was founded in 1882, and in 1894 she received her City Charter. Our motto is "ONWARD," and the Union Jack and Canadian Ensign speak of the Imperial Empire.

The Seal of the City of Calgary is similar to the above design.

DESCRIPTION OF THE COAT OF ARMS OF THE PROVINCE OF ALBERTA.

Azure in front of a Range
of Snow Mountains proper a
Range of Hills Vert., in base
a Wheat Field surmounted by



a Prairie both also proper on
a Chief Argent a St. George's
Cross.

MAYORS OF CALGARY.

From the date of its Incorporation in the year
1883, down to the year 1922.

- 1884- 5—George Murdoch.
- 1886- 7—G. C. King.
- 1888 —A. E. Shelton.
- 1889 —D. W. Marsh.
- 1890 —J. D. Lafferty, M.D.
- 1891 —Jas. Reilly.
- 1892- 3—A. Lucas.
- 1894- 5—W. F. Orr.
- 1896 —A. McBride.
- 1897 —W. F. Orr.
- 1898 —A. L. Cameron.
- 1899 —Jas. Reilly.
- 1900 —W. H. Cushing.
- 1901 —J. S. Mackie.
- 1902- 3—Thomas Underwood.
- 1904 —S. A. Ramsey.
- 1905- 6—John Emerson.
- 1907- 8—A. L. Cameron.
- 1909-10—R. R. Jamieson.
- 1911-12—John W. Mitchell.
- 1913-14—H. A. Sinnott.
- 1915-18—M. C. Costello, M.D.
- 1919-20—R. C. Marshall.
- 1921-22—S. H. Adams.
- 1923—Geo. H. Webster.

NAMES AND ADDRESSES OF MAYOR, COMMISSIONERS AND ALDERMEN FOR 1923.

Name.	Business Address.	Residence Address.	Phone. Bus.	Term of Office
Mayor—				
Webster, G. H.	City Hall	1316 Prospect Ave.	M1151 W1854	1923
Commissioner—				
Graves, A. G.	City Hall	314 Scarboro Ave.	M1151 W1449	1923-1924
Aldermen—				
Batchelor, G. D.	Western Print & Litho Co.	621 3rd Ave. W.	M5140 M6580	1922-1923
Crawford, T. H.	200 Maclean Block	636 26th Ave. W.	M6601 M2676	1923-1924
Davison, A.	Daily Herald Comp. Room	809 4th St. N.E.	H1274	1922-1923
Gale, Mrs. A.	343 14th Avenue W.	343 14th Ave. W.	M3216	1922-1923
Garden, J. H.	628 Elgin Avenue	628 Elgin Ave.	M1205	1922-1923
Johnston, F.	109 8th Avenue W.	602 Loughheed Bldg.	M4444 M3463	1923-1924
Little, W.	Car F'man's Office.	432 34th Ave. N.E.	E5880	1923-1924
McDermid, N. I.	128a 8th Avenue W.	727 12th Ave. W.	M3286 W4342	1923-1924
Osborne, F. E.	112 8th Avenue W.	2121 7th Street W.	M3599 W1983	1923-1924
Parkyn, R. H.	0936 Boulevard N.W.	0936 Boulevard N.W.	L1061	1922-1923
Russell, J. W.	C.P.R. Roundhouse	106 14th Ave. E.	M4881	1923
White, F. J.	West. Print & Litho. Co.	337 8th Ave. N.E.	M5140 H2365	1923-1924

COMMISSIONERS
and
STANDING COMMITTEES OF THE
COUNCIL
For the Year 1923.

His Worship the Mayor is ex-officio a member of
all Standing Committees.

Commissioners:

G. H. Webster, Chairman.
A. G. Graves, Commissioner.

Finance:

Mayor Geo. H. Webster, Chairman.
Alds. White, Little, Garden, Johnson.

Legislative:

Ald. Davison, Chairman.
Alds. Osborne, Parkyn, McDermid, Mrs. Gale.

Receptions:

Ald. Mrs. Gale, Chairman.
Alds. Crawford, McDermid, Russell, Batchelor.

**Railways and New Industries, Power and
Development:**

Ald. Garden, Chairman.
Alds. Little, Davison, Parkyn, Crawford.

SPECIAL COMMITTEES

Sinking Fund:

Ald. Osborne, Chairman.
Alds. White, Johnston.

Health Activities:

Mayor Webster, Chairman.
Alds. Mrs. Gale and Crawford.

Board of Health:

City Council now constitutes the Board of Health.

CITY'S REPRESENTATIVES ON—

Exhibition Board for 1923:

Alds. Batchelor, Parkyn, McDermid, Russell.

Library Board:

	Term
Dr. A. M. Scott, Chairman	1922-1923
Mr. J. McCaffary	1923-24
Mr. Jos. Harris	1923-24
Rev. J. Macartney Wilson	1923-24
Ald. R. H. Parkyn	1922-1923
Mrs. E. P. Newhall	1922-1923
Mayor Geo. H. Webster	Ex-Officio

BOARD OF COMMISSIONERS

(First Floor of City Hall)

Assignment of Departments and Works, 1923.

His Worship G. H. Webster, Chairman of the Board of Commissioners.

Police; Fire; Health; Hospitals; City Clerk; Solicitor; Comptroller; Assessor and Tax Collector; Treasurer; Rental and Collection Agent; Children's Aid Society.

Commissioner A. G. Graves—Electric Light and Power; Street Railway; Waterworks; Engineer; Chemist; Market; Parks and Cemeteries; Relief; Stores, including Workshops; Public Works; Garage.

General office hours, 8.45 a.m. to 5.15 p.m.
Saturdays, 8.45 a.m. to 1 p.m.

City Clerk—Office, Main floor of City Hall.

Clerk—J. M. Miller.

Phone—M1151; Local 47.

Residence—8415 Sixth Street West.

Phone M4467.

Assistant City Clerk—J. Barnes.

Phone M1151; Local 46, and M2414.

Stationery Dept.—M1151; Local 74.

Mailing Dept.—M1151; Local 74.

City Treasurer—Office, Main floor of City Hall.
Treasurer—J. H. Mercer.
Phone—M1151; Local 50.
Residence—1915 Ten-and-Half Street West.
Phone W4203.

Assistant City Treasurer—F. S. Buchan.
Phone M1151; Local 36.

City Comptroller—Office, Second floor of City Hall.

Comptroller—W. C. Wood.
Phone—M1151; Local 48.
Residence—520 Fifteenth Avenue West.
Phone W1358.

Assistant Comptroller and Timekeeper—J. R. Elliott.

Phone M1151; Local 49.
Residence—Harvetta Heights.
Phone Rural 3404.

City Assessor and Tax Collector—Richard Wallace.

Office—First floor of City Hall.
Phone—M1151; Local 59.
Assessment phone—Local 58.
Tax Dept. phone—Local 54.
Residence—1219 Ninth Street West.
Phone W4033.

Assistant Assessor and Tax Collector—W. A. Allen.

Phone—M1151; Local 58.

City Solicitor—Office, Second floor of City Hall, next Council Chamber.

Solicitor—L. W. Brockington, B.A.
Phone—M1151; Local 62; and M5746.
Residence—1907 Five-A Street West.
Phone M6449.

Storekeeper and City Stores Dept.—Victoria Park (Exhibition Grounds).

Storekeeper and Purchasing Agent — J. B. Chandler.

Phone—Private Office, M1092. General Office, M1151; Local 7.

Residence—137 Thirty-fourth Avenue West.
Phone—M5487.

Assistant Storekeeper—Wm. Mitchell.

Phone—M1151; Local 7.

Receiving and Shipping Dept.—M1151; Local 5.

Transformer and Meter Testing Room—M1151; Local 20.

Machine, Carpenter and Blacksmith Shop—M1151 Local 6.

Public Works, General and Street Cleaning—Office, Second floor of City Hall.

Superintendent—W. H. R. Gardiner.

Phone—M1151; Local 64.

Residence—2631 First Street East.

Phone—M1896.

Health and Sanitary Dept.—Office, Fourth floor of Police Building, Seventh Ave. East. M6868.

Medical Health Officer—Dr. C. S. Mahood, M.D.
Phone—M1151; Local 36.

Residence—Anderson Apartments.
Phone—M5571.

Sanitary Inspector—J. J. Dunn.

Phone—M1151; Local 36.

Residence—715 Fifth Street N.W.
Phone—L1585.

Meat Inspection, Public Market—Phone M1151; Local 88.

Night and Holiday Calls—Fumigating Officer, L2173; Ambulance, L1585.

City Auto and Electric Garage—Fifth Street and Ninth Avenue West.

Superintendent—R. Mackay.

Foreman—Geo. Bird.

Phone—M1151; Local 19.

Rental and Collection Agent (Land Dept.)—D. R. Crichton.

Office—First floor of City Hall.

Phone—M1151; Local 44.

Residence—335 Thirteenth Avenue East.

Residence Phone—M2156.

Parks Superintendent—W. R. Reader.

Office—Union Cemetery.

Phone M1151; Local 4.

Residence—Union Cemetery.

Phone—M1350.

Civic Relief Dept.—Supt.: H. B. Adshead. Office 3rd Floor, Police Building. Phone M7667.

Residence—119 28th Avenue N.W.

Phone—H1413.

Hospitals.

General Hospital—Bridgeland.

Phone—M5546 (Private Exchange).

Superintendent—Dr. L. E. W. Irving, D.S.O.

Secretary—A. Lawton.

Smallpox Hospital—Sixteenth Avenue N.E.

Isolation Hospital—Contagious Disease—Twelfth Avenue and Sixth Street East.

X-Ray and Pathological Laboratories and a Training School for Nurses are maintained in connection with the Calgary General Hospital.

Superintendent of Nurses—Miss L. M. Edy

HOSPITAL RATES PER DAY

(Subject to Change)

City Patients

General Ward	\$1.00
Semi-Private Ward	\$3.25, \$3.50, \$3.75
Private Ward	\$5.50, \$5.75, \$6.00

Country Patients

General Ward	\$4.00
Semi-Private Ward	\$4.25, \$4.50, \$4.75
Private Ward	\$5.50, \$5.75, \$6.00

Maternity Wards \$2.00 to \$5.50 per day; General Maternity Ward (only) Free to City Patients.

A Patient must have been a resident of the City of Calgary at least 3 months immediately previous to admission to Hospital to receive benefit of City Rates.

Operating Room and Maternity Case Room Free to City Patients.

Public Market and Office—Location, Fourth Ave. and Fourth St. East.

Superintendent—D. G. McKenzie.

Residence—1008 Seventh Avenue West.

Phone—Office M7435; Res. M6252.

The Calgary Public Market is municipally owned and controlled under the supervision of a bonded official of the City. Farmers' Market Days, Friday and Saturday. The Market is open every day for general business. Farmers' Market Fees, 25c per day. Dealers, Hucksters, etc., \$1.50 per day. Every consideration is afforded the farmers attending the market; also free accommodation for horses and vehicles.

Weigh Scale—Corner Third Ave. and Third St. East.

Main Pound—Market Grounds.

Branch Pounds—Ogden, Glengarry and Hillhurst Fire Halls.

Pound and Weigh Scales—Phone M6681 and M7435.

Electric Light Dept.—Office, Ground floor of City Hall.

City Electrical Engineer and Street Railway Superintendent—R. A. Brown.

Phones—M1151; Local 30. M1910.

Residence—1721 Eleventh Street West.

Phone—W1507.

Superintendent Electric Light Dept. and Wiring Inspector—R. Mackay.

Phone—M1151; Local 34.

Residence—302 Third Avenue East.

Phone—M1696.

The Municipal Electric Plant originated by the passing of Bylaw No. 562; amount \$60,000.00; passed Dec. 23rd, 1904, which was amended by Bylaw No. 619, effective Sept. 20th, 1905.

The Electric Light and Power System cost approximately \$2,954,889.10, of which sum \$2,585,495.62 was derived from the sale of debentures (the majority having a lifetime of 30 years), the balance of \$369,393.57 being revenue contributions to capital.

Revenue is obtained from the following sources: Rates; conduit rentals; service charges and sundry.

The revenue takes care of all departmental charges, including sinking fund and interest, operation, maintenance, depreciation, insurance reserve, repairs, 3 per cent. on capitalization for replacement and improvement purposes, and a 4 per cent. tax on the gross earnings, this latter payable to the general funds of the city.

Light Rates.

For the first 300 K W hours, 6c per K W hour.
For the next 300 K W hours, 5c per K W hour.
All over 600 K W hours, 3c per K W hour.

Minimum charge \$1.00 per K W of demand. A connected load considered as not less than one kilowatt.

Flat Light.

Flat rates for lighting purposes shall be charged at the rate of one dollar (\$1.00) for each 60-watt lamp or equivalent thereof.

Power Rates.

(For installations where the demand is less than 100 h.p.)

When the characteristics of the combined electric light and power load are such as will insure a fair kilowatt hour consumption per month, per kilowatt of connected load, the following special power rates will be given:

1 to 2000 K W hrs. consumption per month—	
2001 to 5000	2c per K W hr.
5001 to 12500	1.8c per K W hr.
12501 to 25000	1.6c per K W hr.
Over 25000	1.4c per K W hr.
	1.3c per K W hr.

Minimum Charge—Up to 20 h.p., \$1.00 per h.p. of demand per month.

The connected load considered as not less than 3 h.p., and 100 per cent. of connected load.

Up to 50 h.p., \$1.00 per h.p. per month, not less than 80 per cent. of connected load.

Over 50 h.p., \$1.00 per h.p. of demand, not less than 40 per cent. of connected load.

Heating Rates

2c per K W hour.

Where a range and water heater is installed on a double throw switch, and so arranged that the

range cannot be used when the water heater is in operation, and vice versa, a special rate of 1½c per K W hour will be given.

Minimum charge, \$2.00 per month.

Subject to 10 per cent. discount on all bills paid within 10 days of date of issue of account.

Temporary Services.

All services will be considered temporary unless in continuous use for 12 months, and such services will be subject to temporary service charges, plus cost of making service.

NOTE.—The foregoing tariffs are based on monthly consumption.

ELECTRICAL INSPECTION

Rates on application.

Office—Ground floor of City Hall.

Inspector—G. Notley.

Phone—M1151; Local 84.

Permits to instal electric wiring and apparatus issued to Licensed Master Electricians. Journeymen Electricians licensed by the City. Board of Examiners, City Electrician and one each, Licensed Journeyman and Master Electrician.

CENTRAL POWER STATION

Victoria Park. Exhibition Grounds.

Superintendent—J. F. McCall.

Private Office Phone—M5666.

Residence Phone—W1080.

Residence—1227 Thirteenth Avenue West.

Power House Phone M1151; Local 25. (After 10 p.m. and on Sundays and holidays, M1158).

Assistant Superintendent—A. M. McNair.

Residence Phone—W2918.

No. 1 Substation—M1151; Local 26.

No. 2 Substation—M1151; Local 80.

No. 3 Substation—M1151; Local 81.

No. 4 Substation—M1151; Local 82.

This department has charge of the Central Power Station and its substations.

CURRENT OUTPUT

Current generated by the steam plant during the year 1922, 8,298,860 k.w. hours alternating current.

Current purchased from the Calgary Power Co., and distributed through the Central Power Station and sub-stations during the year 1922, 39,500,700 k.w. hours.

Current supplied to the Street Railway Department during the year 1922, 8,115,260 k.w. hours.

The City pays the Calgary Power Co., for power at the rate of \$24.00 per h.p. year on a peak load basis of 7,500 h.p.

The current purchased from the Calgary Power Co. during the year 1922 was at the rate of 0.455c per k.w. hour.

The Street Railway Department paid for current

during the year 1922 1c per k.w. hour at the switchboard for the first 400,000 k.w. hours per month; $\frac{3}{4}$ c per k.w. hour for all power over 400,000 k.w. hours per month. And the fixed charges on the cost of the Street Railway Power Generating Plant in the power house and substations amounting to \$2,800.12 per month.

All the above rates for power per k.w. hour are for power at the switchboard.

The Department employs a staff of 50 men for the operation of the Central Station and the four substations.

The maximum peak load during the year 1922 was 16,300 h.p.

Total Electric Current Supplied All Lines For All Purposes:

Year	k.w.	Hours
1913	30,188,787	
1914	37,296,182	
1915	31,106,945	
1916	34,102,549	
1917	35,061,830	
1918	40,063,640	
1919	45,960,422	
1920	46,892,525	
1921	45,187,545	
1922	47,799,560	

Equipment of Central Power and Substations Consist of:

Boilers—Water tube, equipped with chain grate stokers and superheaters. Area of heating surface is 78,252 sq. feet, producing nominal power of 7,600 boiler h.p. at working pressure of 160 lbs. per square inch.

Alternating Current Units—3, total capacity of 9,350 k.w.

Direct Current Units—550 to 600 volts. Street Railway Service, 9 machines, total capacity 6,550 k.w.

Exciter Units—3, at 110 to 140 volts, total k.w., 250.

Transformers—21,600 k.w., 3-phase step up or down, 12,000 to 2,400 volts in Central and substations.

For detailed information, apply to the Superintendent.

CALGARY MUNICIPAL LABORATORY

Chemist—F. C. Field.
Office Phone—M1151; Local 75.
Residence—1827 18th Street West.
Residence Phone—W1411.

Conducts Tests and Analysis for all Civic Departments; Dominion and Provincial Governments at scheduled fees.

These combined revenues, together with fees, paid by private firms or individuals having tests made on any class of materials, makes the Department self-supporting.

THE CITY ENGINEER

Office—Second Floor of City Hall.

Engineer—George W. Craig, M.E.I.C. and Assoc.
M.A. Soc. C.E.

Phone—M1151; Local 73.

Residence—513 Thirty-fourth Avenue West.

Phone—M5205.

Assistant City Engineer—A. S. Chapman, Assoc.
M.E.I.C.

Phone—M1151; Local 61.

All construction is carried out under the direction and supervision of the City Engineer, also maintenance and improvements. When advisable the Engineer is requested to compete with contractors by tendering on City works.

This official is also Waterworks Engineer, Chief Building, Plumbing and Gas Inspector and directs the Sewer and Paving Departments.

Municipal Asphalt Paving Plant

All paving construction and maintenance has been carried out by this plant since 1914.

Capacity, 3,000 sq. yards, 2-inch asphaltic concrete surface per day. Capitalization \$100,000.00. Equipment also includes stone crushing plant, road equipment and necessary machinery.

Paved streets maintained	68 miles
Curb and Gutter maintained	131 miles
Sidewalk maintained	161 miles

Permits—Building and Plumbing; and Engineer's
Enquiry Office

Phone—M1151; Local 61.

Building Inspector—H. Walshaw.

Phone—M1151; Local 72; Residence, H2034.

Plumbing Inspector—J. Bewick.

Phone—M1151; Local 72; Residence, M4312.

Gas Inspector—E. S. Morton.

Phone—M1151; Local 72; Residence H2458.

Plumbers are required to pass an examination and to be licensed. Information in regard to the above can be obtained from Mr. Bewick.

Plumbers' Licenses

Renewals each year—

Plumbers	\$1.00
Gas Fitters	1.00
Steam Fitters	1.00
Drain Layers	1.00

Plumbing Permit

3 fixtures or under	\$1.50
All over 3, per fixture50

Drainage Permits

Each	\$1.00
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Gas Permits

For first run of pipe to meter, with not over ten (10) outlets, a fee of one dollar (\$1.00). All

outlets above ten, a fee of five cents (5c) for each outlet.

For each additional run of pipe to meter loop, a fee of 50c shall be charged.

Plans and elevations of all plumbing to be filed. Soil pipe to be medium in a building under five storeys. Soil pipe to be extra heavy in buildings over five storeys.

WATER WORKS

Office—Ground Floor of City Hall.

Engineer—G. W. Craig.

Phone—M1151; Local, 73.

Superintendent—P. Breen.

Phone—M1151; Local 56 and 57.

Residence—119 Eighteenth Avenue East.

Phone—M9276.

Collections Phone—M1151; Local 53.

The Municipal Water Works plant originated in the passing on July 31st, 1899, of By-law No. 386 in the amount of \$90,000.00.

The system cost approximately \$3,750,000.00, which money was derived from the sale of debentures, having a life of 30 years.

Revenue is obtained from the following sources: Water rates; an annual special frontage tax of 10c per foot on unimproved properties and of 5c per foot on improved property; sundry.

The revenue takes care of all charges re Water-works, including sinking fund and interest, operation and maintenance, depreciation, repairs, contingent and insurance reserves, and a 4 per cent. tax on the gross earnings, the latter payable to the General Funds of the City.

Calgary obtains its water supply from the neighboring "Bow" and "Elbow" Rivers. The intake on the last mentioned river furnishing a supply of 8,000,000 gallons of water per 24 hours, to the City; is located about 14 miles west of Calgary in the foothills of the Rocky Mountains, and approximately 300 feet above the level of Eighth Avenue.

The pumping station on the Bow River, situate on Ninth Avenue at Twenty-first street west, with its present equipment, is capable of supplying 20,000,000 gallons per 24 hours.

A pressure of 85 lbs. per square inch is maintained in the mains and with the aid of the pumps this can be materially increased in times of emergency.

Two reservoirs, of 18 and 32 million gallons capacity, stand on the gravity line in the west end, and 200 feet above the level of the centre of the City.

Hilly portions of the City, at too great an elevation to be well supplied by the ordinary water service, are treated as a high-level zone, and dealt with independently. Water is pumped into an elevated storage tank of 100,000 gallons capacity from which it is distributed to the said districts.

Only the large services are metered.

DOMESTIC WATER RATES PAYABLE TO THE COLLECTOR

No. of rooms	Rate per annum	Additional conveniences as follows.	Rate per annum
5	\$10.50	Basin in private dwelling, each	\$1.00
6	11.00	Water Closet, each	1.00
7	11.50	Baths, each	2.00
8	12.00	Sinks or additional fixtures, each .....	.50
9	12.50	Terraced lawns, per 1,000 sq. ft.	1.75
10	13.00	Lawns or gardens, per 1,000 sq. ft. ....	.75
11	13.50	Urinals, each	2.00
12	14.00	Horses, each	2.00
13	14.50	Carriages, each	2.00
14	15.00	Autos, each	2.00
15	15.50	Cows, each	2.00
Each additional room	.50	Water motors, each	8.00
		Public standpipes or taps, each	6.00
		Minimum flat rate per annum	10.50

Discount of 10 per cent. off above rates if accounts are paid within 10 days of date of account.
Commercial and Special Rates on Application.

SCHEDULE OF WATER RATES

Meter Schedule

First 20,000 gals.	per 1,000 gals. 25c
Next 20,000 gals.	per 1,000 gals. 25c
Next 30,000 gals.	per 1,000 gals. 15c
Next 80,000 gals.	per 1,000 gals. 12c
Next 150,000 gals.	per 1,000 gals. 11c
All over 300,000 gals.	per 1,000 gals. 10c
Special Garden Rate, May to September, Inclusive	
First 4,000 gals.	per 1,000 gals. 25c
Next 66,000 gals.	per 1,000 gals. 14c
All over as per schedule.	

All meter accounts will be rendered and payable monthly and a discount of 10 per cent. will be allowed if paid within ten days of the date of the account.

Meter Rates

Minimum charge on Meters—

$\frac{1}{2}$ -inch service—per annum.....	\$ 12.00
$\frac{3}{4}$ " " " "	12.00
1 " " " "	18.00
2 " " " "	48.00
4 " " " "	96.00
6 " " " "	156.00

POLICE DEPARTMENT

There are two Police Stations in operation as follows:

Headquarters—Seventh Avenue East.

Chief Constable—David Ritchie, M.C.

Assistant Chief Constable—W. A. Nutt.

Phone—M6681.

Residence Phone—H1546.

Detective Inspector—D. Richardson.

Police Office—M6681.

Inspector's Office—M6681.

Sergeant's Office—M6681.

No. 2 Station—Ogden.

Police Court is held in the Police Headquarters every morning at 10 o'clock.

Police Magistrate—Col. G. E. Sanders, C.M.G., D.S.O.

Assistant Police Magistrate—W. S. Davidson.

Women's Police Magistrate—Alice J. Jamieson.

Police Court Clerk—James C. Duguid.

Police Court Reporter—G. A. Morrison.

Phone—M6681.

Police Statistics

The number of persons arrested or summoned by the Police for the year ending December 31st, 1922, reached a total of 8,659.

Males	8,402
Females	257

Amount of Fines and Costs collected in Police Court during the year 1922, and disbursements of same:

Amount collected	\$32,257.60
Amount paid City	5,815.35
Amount paid Government	22,023.35
Fees, etc., paid out	1,781.94
Workmen's Compensation Act	75.00
Alberta Provincial Police	346.46

The Police Force is a department of the civic government and as such is controlled by the Council of the City, through the City Commissioners.

LICENSE INSPECTOR

Office—Main Floor of Police Headquarters, Seventh Avenue East.

License Inspector—Chief of Police, David Ritchie, M.C. Phone M6681.

Licenses issued, 1922	11,767
Revenue derived	\$67,399.08

Licenses as at January 1st, 1923.

Auto Filling Station (bonded \$2,500)	\$ 35.00
Advertising with horse or vehicle or automobile	25.00
Advertising on foot	10.00
Ahhatoir	25.00
Auctioneers	10.00
Automatic Baseball	25.00
Each machine after the first	15.00
Automobile dealers, secondhand (bonded \$3,000)	25.00
Gum Vending Machines, each	50.00
Automat (premium) or Silent Salesman	30.00
Automats, each	2.00
Bakeries	5.00
Barber Shops, each chair	2.00
Bath Houses	15.00
Beauty Parlors	10.00
Book Agents—	
Resident, per annum (bonded \$500)	25.00
Non-resident, per quarter (bonded \$500) ..	50.00
Each license after the first	1.00
Buffets	50.00
Bartenders	10.00
Brokers, Oil Stock	5.00
Brokers' Salesmen	30.00
Brokers, Live Stock (bonded \$5,000)	15.00
Billiard Tahles, each	5.00
Bicycle .....	.50
Bicycle Dealers, secondhand (bonded \$500) ..	5.00
Bill Posting, 1¼ mills per square foot—	
Minimum fee	50.00
Bottling Works	5.00
Bowling Alleys, each hed or alley	5.00
Boxing Exhibitions, tax per ticket .....	.25
Butchers	3.00
Canvassers—Local	10.00
Transient	25.00
Circulating Advertising Matter	25.00
Resident Retail Merchant or Trader (for one or two persons)	5.00
Caharets	25.00
Chautauqua, each session	10.00
Coal Dealers	5.00

Coal Agents' Office, each	2.00
Coal Agents' Salesmen	10.00
Commercial Sign Writers	5.00
Chimney Sweep	5.00
Cleaners and Dyers	10.00
Collection Agency (bonded \$2,500)	5.00
Cigarettes	25.00
Cigars	5.00
Circus (on public holiday or exhibition week), per day	700.00
Cow keepers	1.00
Circus, at other times where the fee is 25c or over, per day	300.00
Where under 25c per day	150.00
Where under 25c per day, on public holiday	300.00
Commission Agents for Produce (bonded \$1,000)	5.00
Dairy	1.00
Detective Agency (bonded \$2,500)	25.00
Each outside employee	5.00
Dogs, female	4.00
Dogs, female, registered	2.00
Dogs, male	2.00
Dogs, kennels	50.00
"Doll Racks" (ball game)	25.00
Distributing Advertising Matter—	
General License	25.00
Retailer Employing Two Men	5.00
Distributing Matter on Street	2.00
Demonstration, Window, per week	10.00
Electrician Manufacturer	2.00
Renewal	1.00
Electrician, Master	20.00
Renewal	5.00
Electrician, Journeyman	1.00
Renewal	1.00
Exchange, Oil Stock	200.00
Fish Store	3.00
Feed Stable	5.00
Sale Stable	25.00
Feed and Sale Stable combined	30.00
Gasfitter	1.00
Horses—For first 10, each	3.00
For second 10, each	2.00
Balance, each	1.00
Hotels, 20 rooms or under	10.00
Over 20 rooms	20.00
House Cleaning, using machinery	5.00
Hawkers of Fruit and Vegetables	50.00
Hawkers, General	50.00
Halls, up to rental of \$600 per year	12.50
Over \$600 per year	25.00
Ice Dealers	5.00
Ice Dealers with Plant and Warehouse	
Outside City Limits	150.00
Ice Skating Rinks, enclosed	30.00
Not enclosed	15.00
Ice Cream and Soft Drinks	5.00
Jewelry Sale, Special (bonded \$1,000)	100.00
to	500.00
Each additional day	4.00
Jewelry Sale, Deputy Auctioneer	10.00
Junk Stores (bonded \$200)	50.00

Laundries	25.00
Liquor Exporters	500.00
Merry-go-round	10.00
Non-resident, first day	25.00
Non-resident, each extra day	15.00
Messenger Service and Parcel Delivery (bond \$1,000.00)	25.00
Milk Vendors, Stores, etc.	1.00
Milk Vendor's Wagons	1.00
Motorcycle Dealers, secondhand (bonded \$3,000)	25.00
Motor Trucks, 1 ton or less	10.00
Each extra ton	5.00
Motor Livery or first auto	25.00
Each additional auto	5.00
News Stand in Hotel	5.00
Pool Tables, each	5.00
Pawnbrokers or Money Lenders (bonded \$500)	200.00
Peanut Stand	15.00
Phrenologists	200.00
Plumbers	1.00
Photographers not having a Studio	35.00
Restaurant	5.00
Real Estate Firm of one or two members	5.00
Over two members, each	1.00
Real Estate Salesmen	5.00
Real Estate Office, each, after the first	5.00
Real Estate Office, not assessed	30.00
Rags and Bottles Collector, etc.	15.00
Roller Skating Rink	10.00
Rooming Houses	5.00
Scavengers	1.00
Scissors Grinder and Umbrella Repairer	7.50
Shows, per day	20.00
Each subsequent day	15.00
Sewer Laying	1.00
Secondhand Stores (bonded \$200)	50.00
Shoe Shine Stand, each chair or seat	1.00
Shooting Gallery	10.00
Non-resident, first day	20.00
Non-resident, each extra day	15.00
Sand and Stone Dealers, non-resident	40.00
Sponging and Pressing	5.00
Steam Fitter	1.00
Tobacco Dealers	5.00
Taxi Driver	5.00
Transient Contractors—Semi-annual fee	100.00
Transient Trader and Canvasser, half yearly	100.00
Transfer of Licenses, minimum fee	1.00
Transfer of Licenses	2%
Theatres, seating capacity under 800	12.50
Seating capacity, 800 or over	25.00
Window Cleaning	5.00
Window Demonstrations, per week	10.00
Wrestling Exhibitions	150.00

CAB TARIFF

Particulars may be obtained from the City Clerk.
or License Dept.

AUTOMOBILES

(Including taxi-cabs by the hour)

For 1 to 3 persons	\$3.00
For 4 persons	4.00
For 5 or more persons	5.00
15 minutes or under, 1 to 4 persons	1.00
15 minutes or under, 4 to 5 persons	1.00
15 minutes or under, 6 or more persons	1.25
15 minutes and not exceeding 30 minutes, 1 to 4 persons	1.50
15 minutes and not exceeding 30 minutes, 4 to 5 persons	2.00
15 minutes and not exceeding 30 minutes, 6 or more persons	2.50
30 minutes and not exceeding 45 minutes 1 to 3 persons	2.25
30 minutes and not exceeding 45 minutes 4 to 5 persons	3.00
30 minutes and not exceeding 45 minutes 6 or more persons	3.75

(a) Fractions of hours for any drive exceeding one hour shall be charged at pro rata rates as above established for drives by the hour.

(b) Tariff shall apply to all drives extending beyond the City limits, providing the engagement is made and terminates within the said City limits.

(c) No fare shall be charged for children under eight years of age, in charge of an adult.

(d) No charge shall be made for travelling bags, valises, boxes or parcels which passengers can carry by hand.

(e) One trunk may be carried, for which a charge of 25 cents may be made.

CHIMNEY SWEEPS

(See By-law No. 1366 for full regulations)

Chimney Sweeps must be licensed. (Cost \$5.00 per year).

Chimneys and flues shall be swept as often as is necessary to keep same safe from fire.

The Chimney Sweep shall give a certificate showing the date the chimney or flue was swept or cleaned, and in case of fire the certificate must be produced.

Charges for sweeping or cleaning chimney or flue:

For each in a one-storey house or building....	\$1.00
For each in a two-storey house or building....	1.50
For each in a three-storey house or building..	1.75
For each in each additional storey .....	.25
For sweeping and cleaning furnace and flue, where pipe connection is in the basement..	.75
For sweeping and cleaning furnace and flue, where the pipe connection is above base- ment	1.50
For sweeping and cleaning each range or stove and flues connected therewith .....	.75

For definitions in computing rates, see By-law No. 1366, Section 38.

FIRE DEPARTMENT

Headquarters—Corner of First Street East and Sixth Avenue.

Phone—M1197; private exchange connecting all stations.

Fire Chief—James Smart.

Chief's Phone—M2690; Residence, M3131.

Department Phone—M1197.

Assistant Chief—A. Carr.

Phone—M1197.

Apparatus

One Motor Hose and Engine Combination.

One Motor Chief's Car.

One Motor Assistant Chief's Car.

One Motor Emergency Car.

One Motor Salvage Patrol Car.

One Motor Aerial Truck.

One Motor Supply Wagon.

Fire Station No. 2

Corner of Eighteenth Avenue and Second Street East.

Apparatus

One Motor Engine and Hose.

One Motor City Service Truck.

Fire Station No. 3

Ninth Avenue and Eleventh Street East.

Apparatus

One Motor Hose Wagon.

One Horse-drawn Aerial Truck.

Fire Station No. 4

General Hospital, Bridgeland.

Apparatus

One Motor Hose Car.

Fire Station No. 5

Seventeenth Avenue West and Scotland Street.

Apparatus

One Motor Hose Car.

Fire Station No. 6

Boulevard, Hillhurst.

Apparatus

One Motor Hose.

Fire Station No. 7

Sixteenth Avenue and First Street N.W.

Apparatus

One Motor Hose and Pumping Engine.

Fire Station No. 9

Ogden.

Apparatus

One Motor Hose Car.

Four hundred and twenty-six alarms of fire were received by the Fire Department during the year 1922, involving property valued at \$5,830,-460.00, of which amount \$3,324,327.00 was covered by insurance. Damage and loss to the extent of \$239,287.00 was sustained as a result of fires aforementioned.

CALGARY MUNICIPAL STREET RAILWAY

(Operated by the City Commissioners)

Offices and Car Sheds—Second Street East and Elbow River.

Electrical Engineer and Street Railway Superintendent—R. A. Brown.

Phones—M1910; M1151; Local 30.

Residence—1721 Eleventh Street West.

Phone—W1507.

The City of Calgary on July 5th, 1909, with 35,000 population, successfully inaugurated a municipally-owned and operated modern Street Railway System.

A \$250,000.00 by-law was passed in 1907 and one for \$226,000.00 in 1909, providing for the building, etc., of the Street Railway System.

With twelve modern pay-as-you-enter cars the first six months' operation returned operation and interest charge and \$10,000.00 surplus for Contingent Account.

Construction was begun in September, 1908, and one-half mile of track was laid that Fall. On May 1st, 1909, work was recommenced. The power generator arrived July 1st, and the first two cars on July 2nd. The Railway officially opened at 8 a.m., July 5th, 1909, with two cars covering the half-mile between City and Fair Grounds.

During Fair Week 35460 passengers were carried.

Work was carried on by five paving contractors, one track construction company (on unpaved sections only), the City doing all special and overhead work and intersections.

One-man cars were introduced on all city lines in 1917, and are proving satisfactory. Safety of operation is secured, together with a substantial decrease in the cost of operation.

All the line feeders within the business area have been placed underground.

At present power is supplied by four substations with two 500 k.w. direct driven steam units as an auxiliary, and one 300 k.w., and three 1,500 k.w. motor generators.

Power supply. See index—Electric.

The Power Department of the City charges the Street Railway for power as follows: .1c per k.w. hour for first 400,000; all over 400,000, $\frac{3}{4}$ c per k.w. hour; \$2,300.12 per month overhead charges. (See Equipment).

Five classes of tickets are used: "School," good to and from school for students up to 17 years of age, and any time for children, 8 for 25 cents; "Ordinary," 18 for \$1.00; 4 for 25c; 2 for 15c; and pads of civic employees' tickets, 20 for \$1.00 (the latter are charged to the departments in which they are used). On Market Days a "return from market transfer" is granted.

No passes are issued to any one, but transfers are made from the various routes at 10 different points.

There is organized in the department a Street

Railway Men's Sick Benefit Association. Employees' wages are on a sliding scale ranging from 67½c per hour, to 87½c per hour.

Re Time Table, Special Cars, Rates, Complaints, Phone M1910.

Statistics—See Index.

PUBLIC PARKS

There are now 10 Public Parks in Calgary, with an area of about 622.16 acres, valued approximately at \$2,193,028.50. These Parks are situated in various parts of the City as follows:

Central Park—4.42 acres in area, situated between Twelfth and Thirteenth Avenues and Second and Fourth Streets West; modelled in harmony with modern ideas, its geometrical flower beds are a wealth of color during summer months; contains bandstand, and is a favorite spot with Calgarians.

The Calgary Public Library, a beautiful stone building, occupies a place in this Park.

Exhibition Grounds (Victoria Park)—103½ acres. Entrances, Seventeenth Ave. and Second St. East, Seventeenth Ave. and Fourth St. East, Eighteenth Ave. and Second St. East. Comprises all territory between Seventeenth Ave., Second St. East and Elbow River. Contains Exhibition Buildings valued at approximately \$500,000.00, including fireproof Grandstand, accommodating 6,000, Cattle Pavilion for 600 head. The Annual Exhibition (over 100,000 attendance) is held here as well as the Alberta Winter Fair; Horse Show; Pure-bred Cattle, Sheep and Swine Sales; Wool Sales; Poultry Show; Horticultural Show; Winter Carnival and Bonspiel; Hockey and Skating Rinks; Ski Jump, 140 feet high; Baseball Park; Boxing Events, etc. City Stores, Power House and Street Railway Barns location. Spur track (C.P.R.), enters park at Northeast corner.

St. George's Island Park—Comprising an area of 45 acres of well timbered land, situate in the Bow River, containing dancing pavilion, band stand, children's playground apparatus, and cool, shady walks; is visited by the citizens of Calgary en masse during the summer months. This is a great resort for picnic parties.

Access to the Park is obtained by crossing the bridges at Tenth Street East on the north side of the Bow River, and Eleventh Street East to the south side of the river.

Motor Camp on St. Patrick Island adjoining.

Mewata Park—Situate between the Bow River and Ninth Avenue, Eleventh and Fourteenth Streets West, about 33 acres in area, is a spot dear to the hearts of the athletes of Calgary. This Park contains football fields, baseball diamonds, children's playground apparatus, and a band stand. A fine Armory Building fronts immediately upon Eighth Avenue West.

Riley Park—Facing the Morley Trail, or Tenth Street West, 20 acres in area, is a new Park. A large number of trees and shrubs have been planted and a nice lawn established. Playground apparatus, wading pool and three pitches and two pavilions

provided for cricketers. This Park is rapidly developing into the most beautiful in Calgary.

Hillhurst Athletic Park—Used solely for Association and Rugby football, hockey and skating. Large grandstand, dressing rooms and a popular resort for winter pastimes.

Shouldice Park—One hundred acres in extent, situate on the Bow River, two miles from the City limits and about five miles from the Post Office, is one of Calgary's suburban Parks. Preliminary work has been done preparing the ground for future development. Bowness car passes the Park.

Bowness Park—An island in the Bow River, containing 80 acres of beautifully treed land, is one of the latest Parks to be acquired by the City. A shelter, kitchen and other picnicing, camping, boating and bathing facilities are provided, and many Calgarians take the Bowness car to this ideal summer retreat.

Tuxedo Park—Situate in a subdivision bearing that name and about two and a half miles from the heart of the City; 6:10 acres in area, has a fine grandstand. This Park is in process of development.

Shaganappi Park—This Park, situated in the west end of the city, 96.43 acres in area, has been made into a picturesque, popular and very "sporty" 18-hole Municipal Golf Course. A well equipped clubhouse has been erected for the comfort and convenience of players. Reached by the Killarney car. Fees: season, gentlemen, \$10.00; ladies, \$6.00; children, \$4.00; non-members, per game, 35c.

Reservoir Park—This Park is 83 acres in area and situate approximately three miles from the Post Office. The City's reservoir for storage of water is located here.

Union Cemetery—Situated east of Second Street and south of Twenty-sixth Avenue, 77 acres in area. The greenhouses of the City stand immediately within the western limits of this property, and the Park Superintendent's residence is on the northern end of the Cemetery.

Purchase price, 1890, \$4,230.00. First burial, August 18th, 1896.

A drinking fountain and statue are located on the hillside facing the entrance to this Cemetery, which is commanded by a beautiful sandstone arch and gateway. In summer a fine collection of roses and other flowers grow at the Cemetery entrance, being perhaps, Calgary's finest horticultural feature.

Calgary has 52 miles of parking strips and 12,000 trees on its streets.

In addition to the foregoing, small parks and open spaces occupy 15 acres; there are about 130 persons to each acre of Park in Calgary. Seven baseball, ten football, four cricket fields, four tennis courts, eighteen hockey and thirty-four skating rinks are maintained by the Parks Department.

The Parks Department annually earns a revenue of approximately \$25,000.00 through fees of various kinds and the sale of surplus produce, etc., thus materially reducing the cost of Park maintenance to the taxpayer.

THE VACANT LOTS GARDEN CLUB

President—R. A. McCluskey.

Secretary—L. U. Fowler, City Hall, Calgary.

Phone—M1151; Local 87.

The Calgary Vacant Lots Garden Club came into existence in March, 1914, for the purpose of improving vacant land in the City. This movement was an outcome of the Town Planning Commission. Many who wished to see vacant lands produce something besides weeds and rubbish, lent their assistance to this end. The owners of vacant lots readily gave permission to use their holdings for garden purposes.

Membership

The membership has increased from 220 in 1915 to 1,043 in 1922. Prizes amounting to over \$300.00 are paid for the best-kept Lots.

CALGARY HORTICULTURAL SOCIETY

President—Col. A. G. Wolley-Dod, 616 Thirtieth Avenue West.

Secretary-Treasurer—J. J. Webster, 927 Four-A Street Northwest.

Phones—L1626 and M5536.

This Society, the pioneer organization of its kind in this City, was organized 12 years ago. It has been the great factor in developing the "City Beautiful" idea, by encouraging the beautification of home surroundings and the cultivation of gardens. It annually holds a competitive Horticultural Exhibition, which is one of the social events of the year.

Each winter a course of meetings is held for giving of lectures and the discussing of subjects connected with the theory and practice of gardening.

The objects of the Society are to encourage horticulture in all its branches.

CALGARY NATURAL HISTORY SOCIETY

President—Dr. E. Sisley, 307 Sixth Avenue West.

Phone—M2706.

Museum located in basement of Court House building. Open 2 to 5 except Sundays.

CALGARY PUBLIC LIBRARY

Central Library

Twelfth Avenue and Second Street West (Central Park).

Secretary-Treasurer and Librarian—Alexander Calhoun, M.A.

Library Board—See Index.

Phone—M3524.

Hours of Opening

Week days	9 a.m. to 9:30 p.m.
Wednesdays	9 a.m. to 1 p.m.
Sundays	2 p.m. to 6 p.m.

The Library is closed entirely on Victoria Day,

Dominion Day, Labor Day, and Christmas Day; and is open for reading only on New Year's Day, Good Friday, and Thanksgiving Day.

Crescent Heights' Branch

1806 First Street N.W., in the Hicks' Block.

Open from 1 to 5:30 p.m. Mondays, Wednesdays, Fridays; 2 to 5:30 p.m. on Saturdays; and 7 p.m. to 9 p.m. on Tuesdays, Thursdays and Saturdays.

Closed on Sundays and Holidays.

Membership

Any citizen of Calgary is entitled to a free membership on signing application card, proving his address and furnishing the names of two friends.

History

It is now about thirteen years since a little group of Calgary citizens began to interest themselves in securing for Calgary a Public Library. Calgary was at that time a City of only about 15,000, and it took time for the scheme to mature. However, in 1908, a Library Board was formed; in 1909 the building was begun, and on January 2nd, 1912, it was opened to the public.

The building and equipment has cost \$100,000.00. Of this sum \$80,000.00 was provided by Mr. Andrew Carnegie and \$20,000.00 by the City Council.

It is noteworthy that this Library was the first Public Library in Alberta and the second between Winnipeg and the Rockies.

Constitution

The Calgary Public Library is administered by a Library Board of seven members, the Mayor being an ex-officio member, and the remaining six being appointed by the City Council for two years.

The Library is organized under the Provincial Libraries' Act, which empowers the City to levy a library rate not exceeding one mill on the dollar on all assessable property.

Statistics, 1922.

Total number of volumes	38,470
Total number of borrowers	18,000
Total circulation	404,474
Total civic grant	\$30,000.00
Per capita cost to City	47 cents

PROVINCIAL NORMAL SCHOOL

Institute of Technology and Normal School Building, 13th Avenue N.W., Calgary, Alberta.

Principal—E. W. Coffin, Ph.D.

Phone—M7901; private exchange connecting all departments.

Established on the formation of the Province of Alberta in 1905 for the training of teachers for the Public Schools.

Length of Course—Eight months, September 1st to April 30th.

Education standing required for admission—For First Class, Grade XII. or equivalent from abroad,

or at least two years in University; for Second Class, Grade XI., or equivalent from abroad.

Fees—For First Class, \$15.00; for Second Class, \$10.00.

On the completion of this course candidates receive a First Class or a Second Class Interim Certificate, valid for one year. This Interim Certificate is made a permanent Professional Certificate after two satisfactory reports from the Inspector and on his recommendation, and on the completion of a Reading Course as published in the syllabus.

The Normal School is controlled directly by the Provincial Department of Education. Application for admission as well as for information in regard to standing in this Province of qualifications obtained elsewhere, should be made to the Deputy Minister of Education, Edmonton.

For the first two years of its existence, the Normal School occupied rooms in the Central Public School. In 1907 the Normal School Building on Sixth Street West was completed, and here the work was carried on until July, 1922, when the Normal School was moved to occupy the west end of the new building erected for the Institute of Technology and Art.

INSTITUTE OF TECHNOLOGY AND ART

In 1916 the Provincial Government, through its Department of Education, established the Institute of Technology and Art in Calgary. It was housed temporarily in school buildings in East Calgary until the new buildings were designed and completed.

These new buildings, which were occupied for the first time in the fall of 1922, consist of a group of three buildings occupying a commanding site on the North Hill.

The main building, which is 340 feet long and is 90 feet in depth, provides accommodation for class rooms, administrative offices, staff rooms, library, gymnasium, and auditorium. The workshop building, 317 feet long and 100 feet in width, is divided into units providing shops for the various courses. The power-house in the rear consists of a boiler-room from which all the buildings are heated. Provision has also been made for installing an up-to-date power plant for instructional purposes.

The type of instruction given at the Institute is of an advanced vocational or semi-professional character. In each course half-time is devoted to shop work conducted as far as possible under industrial conditions, the remaining time being devoted to classroom work in such allied subjects as mathematics, drafting, science, English, and the theory of the particular course taken.

In addition to the regular day classes, instruction is also given by means of evening classes and correspondence courses.

At the present time courses are given in the following subjects:

Full Day or Part-Time Courses in—

Industrial Mechanical Engineering (for Steam Engineers).

Industrial Electrical Engineering.
 Industrial Automobile Engineering (Motor
 Mechanics).
 Tractor Engineering.
 Battery and Ignition.
 Architectural Drafting.
 Mechanical Drafting.
 Survey Drafting.
 Dressmaking and Millinery.
 At the beginning of 1923 the enrollment in the
 various courses was as follows:

Enrollment for First Term, 1922-23.

Course	Correspondence			Total
	Day	Evening		
Armature Winding	—	14	—	14
Battery and Ignition	28	18	—	46
Industrial Chemistry	—	15	—	15
Drafting	21	29	—	50
Dressmaking and Millinery	16	—	—	16
Electrical Engineering	68	22	—	90
Engineering Mathematics	—	14	—	14
Machine Shop	3	31	—	34
Mining	—	—	166	166
Motor Mechanics	57	38	—	95
Steam Engineering	18	18	196	232
Telegraphy	—	28	—	28
Tractor	39	—	—	39
	250	227	362	839

To show that the work of the Institute is provincial in its scope, it may be noted that of the day students enrolled 59 per cent. were from points outside the City of Calgary.

All students entering the Institute must be over 15 years of age, and except in a few special courses no other entrance qualification is demanded.

The fees are—

Regular Courses\$10.00 per school year

Short or Special Courses
 (less than 3 months) 5.00 per course

Evening Classes 5.00 per class

Correspondence Courses—

1st Class 25.00 per course

2nd Class 15.00 per course

3rd Class 10.00 per course

CALGARY SCHOOL BOARD

Offices—Third Floor, City Hall.

Supintendent of Schools—Dr. A. M. Scott.
 Phone—M6208.

Secretary-Treasurer—D. C. Bayne.
 Phone—M6304.

Trustees

R. B. Gale, Esq., Chairman, 1309 Fifteenth Ave.
 West. Phone W4546.

C. T. Jones, Esq., Vice-chairman, Molsons Bank
 Building. Phone M1848.

F. S. Selwood, Esq., Imperial Bank Building.
Phone M1118.

T. B. Riley, Esq., 7427 22nd Street, Ogden.
Phone M01931.

Mrs. M. Carson, 526 Fourth Avenue West
Phone M1009.

G. Silvester, Esq., 1910 Fifth Street West. Phone
M1417.

Dr. V. H. Macaulay, 301 Leeson & Lineham Blk.*
Phone M6190.

1923

Committees—Chairman of Each:

Education Committee—F. S. Selwood.

Building Committee—T. B. Riley.

Finance Committee—C. T. Jones.

Health Committee—Mrs. M. Carson.

School Statistics

Year	Teachers	Pupils
1906	34	1,911
1907	45	2,527
1908	58	2,980
1909	67	3,545
1910	80	4,421
1911	115	5,800
1912	146	7,385
1913	186	8,659
1914	198	9,587
1915	206	10,163
1916	226	10,566
1917	237	11,093
1918	254	12,156
1919	265	12,764
1920	286	13,549
1921	329	14,400
1922	352	13,150

(Note: Apparent decrease due to change in statistical year, 1922.)

Schools, 1922—42 Public; 5 High.

Admission of Pupils

Pupils coming into the City are admitted to school at any time of the year, except in the case of beginners in the Primary or Grade I. Class. Beginners are admitted twice each year, at the 1st of September and the 1st of February. Application for admission of a pupil should be made to the Principal of the school.

Free Text Books

The necessary text books and supplies, including exercise books, pencils, etc., are supplied free to all pupils in the Public Schools, Grade I. to VIII., and to the pupils of Grade IX. in the High Schools.

Medical Inspection

The School Board, in conjunction with the Separate School Board, carry on a thorough system of medical inspection with a staff of eight nurses and an examining physician under the Medical Inspector, Dr. G. Oakley. In addition to the inspection there are two regular clinics, one for treatment of

the teeth of the school children; the other for treatment of eye, ear, nose and throat affections. The large number of cases treated at these clinics is good evidence of the value of the work. These clinics are open, without charge, to all school children of the City.

Practical Nature of Course of Studies

In all the Public or Elementary schools of the City, the practical subjects occupy a foremost place. Woodwork is taught in the Manual Training Shops to all the boys in Grades VI., VIII. and VIII.; Grade VI. receiving one hour per week, and Grades VII. and VIII. two hours per week. The girls of Grade VI. spend the corresponding time in sewing, and those of Grades VII. and VIII. in cooking and of the study of Household Management. These subjects are taught in fully-equipped laboratories by teachers specially qualified for the work.

In all the classes from Grades I. to IV. a well planned course of Elementary Hand-work is carried on throughout the year; this has proved itself a most valuable and interesting training.

Art, Music and Physical Culture, including Cadet and Physical Training for the Senior boys and Strathcona Trust Exercises for the Senior girls give a further enrichment to the Course of Studies.

Pre-Vocational School

In the Victoria Pre-Vocational School classes in Grades VII., VIII., and IX. are taught the ordinary hook work subjects, and also woodwork, metal work, leather work, printing, typewriting, dressmaking, millinery, cooking, home nursing, art, design and mechanical drawing; half time being devoted to book work and half time to industrial work. The following classes of pupils are recommended for the Pre-Vocational classes: those who are not getting along in their ordinary Grade work; those who do not intend to go to University or to take a full High School Course; those who must go to work on leaving school; those who intend to take a course in the Institute of Technology, fitting them for better positions in industrial pursuits.

The purpose of the school is to arouse interest in doing and transfer this interest to studying. There are now five classes comprising over 200 pupils.

High Schools

The High Schools offer the regular prescribed courses leading to Teachers' Certificates and Matriculation, and give at the same time, a strongly practical or industrial course to all students. All pupils in Grades IX. and X. have the benefit of practical courses in Household and Manual Arts. These include for the girls, Sewing, Drafting and Study of Textiles in Grade IX.; Cooking, Study of Fuels and Foods, Food Values and Household Management in Grade X.; for the boys, Mechanical Drawing, Wood Turning, Cabinet Work, and use of wood working machines in Grade IX., with advanced woodwork and machine shop practice and forging in Grade X. Two hours per week are given to those courses which are recognized by the Department of Education as part of the qualification

for Teachers' Certificates. In addition to these, there are practical courses in Science, including Botany, Zoology, Physics, Chemistry, Agriculture and Art.

Commercial High School

The Commercial High School, while furnishing training in Typewriting and Stenography and Book-keeping, aims to equip students for the higher business pursuits, by giving thorough training in English, History and Commercial Law. This Department is conducted at 513 Eighth Avenue West, by practical business teachers. It offers regular courses covering two years, also short courses of ten months.

The High Schools, as well as the Pre-Vocational and Elementary Schools, are organized so as to give all students who desire to enter industrial life, the proper equipment of academic knowledge and practical training to enable them to enter the Institute of Technology and profit by the training offered there for the various types of industrial activity adapted to the conditions and needs of the Province of Alberta.

Night Classes

Evening Classes in Shorthand, Typewriting, Book-keeping, Penmanship, Commercial Law, etc., also in general school subjects of both Public and High School courses, and in certain technical subjects, as Dressmaking, Millinery, Mechanical Drawing and Physical Culture, are held from September to April in the Commercial High School and at other schools throughout the City.

Continuation Classes

Day Continuation Classes have been organized and are being conducted at the Commercial High School, where boys and girls who work in shops and offices may spend from four to eight hours each week in study to fit themselves for their work and for further advancement. The employers co-operate by allowing the students time for school in working hours.

Public School Debenture, Debt, December 31, 1922: \$2,844,799.67.

CALGARY ROMAN CATHOLIC SEPARATE SCHOOL DISTRICT

No. 1—Statistics

Secretary-Treasurer and Superintendent—J. F. Kinahan, B.A.

Room 214 P. Burns Building.

Phone—M3684.

Residence—831 Thirteenth Avenue West.

Phone—W2561.

Office Hours: 3 to 5 p.m.

Trustees

P. Harcourt O'Reilly, Chairman, 715 Herald Building. Phone M5959.

A. P. Donnelly, 2112 Five-A Street West.

G. D. Venini, Manager, Mason & Risch. Phone M6077.

P. V. Burgard, 909 Seventeenth Ave. E. Phone E5811.

F. N. Sandgate, United Grain Growers. M5561.

**Calgary Roman Catholic Separate School
District No. 1
Statistics**

Year	Teachers	Schools	Attendance
1900	4	0	100
1901	4	0	115
1902	4	0	115
1903	5	0	120
1904	5	0	120
1905	5	0	120
1906	7	0	140
1907	8	0	175
1908	8	0	195
1909	8	1	225
1910	10	1	300
1911	11	1	360
1912	15	3	518
1913	17	3	548
1914	22	6	843
1915	24	6	939
1916	27	6	1,020
1917	27	6	1,104
1918	28	6	1,145
1919	32	7	1,270
1920 & 21	35	8	1,221
1921 & 22	38	8	1,323

Debenture Statement

Debenture Debt, December 31, 1922, \$137,333.39.

Of the eight schools, six do the work of Grades I. to VIII., and the remaining two do the work of Grades I. to XII., inclusive.

The enrolment in the High Schools Department is 158.

**BOARD OF PUBLIC WELFARE AND BUREAU OF
CONFIDENTIAL EXCHANGE**

Office—703 Third Street East, Strathcona Blk.

Secretary—E. A. McKillop. Phone M3715.

CHILDREN'S AID AND JUVENILE COURT

Office—Fourth Floor of Police Headquarters Building.

Superintendent—Rev. A. D. MacDonald. Phone M5093.

Residence—320 Twenty-first Avenue West. Phone M6268.

The Children's Aid, a civic department, in conjunction with the Juvenile Court, looks after the needy, delinquent and homeless children of the community.

The new Children's Shelter is at Harvetta Heights, Ogden District. Matron—Mrs. J. Speerstra. Phone E5393.

The Juvenile Court is held in the office of the Superintendent, and the Judges for 1922 are T. A. P. Frost, F. D. Beveridge, Mrs. R. R. Jamieson, Mrs. F. Langford, Rev. A. McTaggart and J. T. MacDonald. Particulars re licenses to children to engage in certain trades and prohibition of their attendance at pool rooms and all information in re-

gard to the protection or adoption of children obtainable from the Superintendent or officials at the office of the Superintendent.

Probation Officers connected with the Department—J. R. Royce and Mrs. Mary Matheson.

CALGARY HUMANE SOCIETY

President—Hon. R. B. Bennett, K.C., LL.D.

Secretary—J. F. Hampson, 1730 Eleventh Ave. West. Phone W2283.

Organized in 1921. Objects: the prevention of cruelty to children, dependent persons and animals.

CALGARY BOARD OF TRADE

President—D. E. Black.

Vice-Presidents—H. A. Howard, Fletcher Sparling, D. G. Sturrock.

Council Members

F. R. Freeze, R. W. Patterson, Dr. P. G. Atkinson, J. B. Sutherland, R. J. Lydiatt, B. L. Robinson, J. A. Valiquette, D. Watson, R. B. Burland, R. J. Hutchings, E. H. McGuire, F. B. Summer, F. E. Osborne, Norman Hindsley, C. J. Ford, T. M. Carlyle, E. L. Richardson, T. A. Hornibrook, F. S. Selwood, Dr. Wm. Egbert, A. C. McGivern, Dr. J. W. Richardson, J. T. Atkinson, W. H. Ross, P. D. Sprung, F. M. Harvey, G. H. Hutton, C. O. Smith, Wm. Toole, W. L. Carlyle, H. C. Andrews, A. E. Sinclair, Wm. Innes, B. C. McMillen.

Secretary—J. H. Hanna.

Office and Club rooms—Lougheed Building.

Office Phone—M5163.

Club Rooms Phone—M5175.

Number of members, 775.

CALGARY INDUSTRIAL EXHIBITION COMPANY, LIMITED

Offices—Exhibition Grounds, Seventeenth Avenue and Second Street East.

President—E. J. Dewey.

Secretary—E. L. Richardson.

Phone—M2506.

Residence—1027 Prospect Avenue.

Phone—W4233.

Exhibition and Stampede, 1923—July 9th to 14th.

Particulars from Mr. E. L. Richardson.

Allied Associations

Alberta Horse Breeders' Association—

President—E. D. Adams, Calgary.

Horse Show, 1923, April 3rd to 7th, at the Horse Show Building.

Alberta Cattle Breeders' Association—

President—G. H. Hutton, Calgary.

Shows (pure-bred males), 1923—Calgary, April 3rd to 7th, and pure-bred males and females, Calgary, May 29th, 30th, 31st.

Receives and ships to and from all parts of the Province. Sells to British Columbia and Saskatchewan and Manitoba.

Alberta Sheep Breeders' Association—

President—W. L. Carlyle, Calgary.

Holds annual co-operative wool sale at Calgary, when wool from members is received and shipped east in car lots for grading and sale.

Alberta Swine Breeders' Association—

President—G. F. Herbert, Medicine Hat.

The Cattle, Sheep and Swine Breeders' Associations hold a sale of pure-bred male, pure-bred and grade female, sheep, swine and dairy cattle at the time of the Alberta Winter Fair.

These three Associations also hold the Alberta Winter Fair and attend to matters relating to their respective breeds of stock throughout the Province.

Alberta Winter Fair—

The Executive is composed of the presidents, vice-presidents and secretary-treasurer of the Alberta Horse, Cattle, Sheep and Swine Breeders' and Calgary Poultry Associations.

Annual Show, 1923—First week in November, in Horse Show Building, at Calgary.

Mr. E. L. Richardson is secretary of all the aforementioned Associations.

Calgary Poultry and Pet Stock Association—

President—C. M. Baker.

Secretary—W. N. Gibson, Exhibition Grounds. Phone M2732.

Holds largest Annual Winter Poultry Show in Western Canada. For 1923 dates, apply to Secretary.

Polo Club, Limited—

President—O. E. Brown, Calgary.

Secretary—E. L. Richardson.

Object—To encourage polo in Calgary district. Owns 40 acres of club grounds south of the Country Club.

Western Canada Live Stock Union—

President—G. H. Hutton, Calgary.

Secretary—E. L. Richardson.

Composed of representatives of all the principal Live Stock Associations and kindred bodies in the four Western Provinces. Holds Annual Convention and publishes the proceedings.

Winter Carnival—

It is likely a Winter Carnival will be held in 1924, backed by the Exhibition and the Board of Trade.

Western Canada Hockey League—

President—E. L. Richardson.

Tiger Hockey Club, Calgary—

Franchise owned by Calgary Exhibition Co.

President—Fred Johnston.

Manager—Lloyd Turner.

Arena Rink, Exhibition Grounds—

Skating and Hockey.

PROVINCE OF ALBERTA

Judicial District of Calgary

Court House—Seventh Avenue and Fourth Street West.

Judges of the Supreme Court—

Hon. W. C. Simmons. Phone M2887.

Hon. W. L. Walsh. Phone M2887.

Hon. M. S. McCarthy. Phone M2887.

Hon. W. C. Ives. Phone M2887.

Hon. T. M. Twegdie. Phone M2887.

Judges of the District Court—

Hon. W. Roland Winter. Phone M5447.

Hon. Ed. P. McNeil. Phone M2887.

Master-in-Chambers—

L. F. Clarry. Phone M2544.

Sheriff—Fredk. M. Graham. Phone M3513.

Asst. Sheriff—John J. McCaffrey. Phone M3513.

Accountant—C. Mitchell. Phone M3513.

Agent of the Attorney-General—James Short, K.C. Phone M1118.

Clerk of the Supreme and District Courts—
Laurence J. Clark. Deputy Clerk, Supreme and District Courts: A. Simpson. Phone M2501. M. A. Kelly, Accountant, Supreme and District Courts.

Supreme Court Reporters—Geo. Taylor, H. E. Cutler, W. L. Walker. Phone M3959.

District Court Reporter—E. J. Kinsley.

Coroners—

Dr. T. A. Wright.

Office phone—M1240. Res. phone—W4796.

Dr. T. J. Costello.

Office phone—M2543. Res. phone—W1318.

Land Registration District for South Alberta

Being composed of all Townships 1-34, inclusive, of the Province of Alberta.

Land Titles Office—Seventh Avenue and Fourth Street West.

Registrar—W. Forbes. Phone—M1107.

Provincial Department of Public Works

Old Court House Building—Seventh Avenue and Fourth Street West.

Inspector of Public Works—M. Calder. Phone M2042.

Asst. Engineer—Frank Hardy. Phone M2286.

Inspectors of Boilers—Joseph Buxton and J. F. Hawkins. Phone M5287.

Inspector of Motor Vehicles—C. A. Mitchell. Phone M7632.

Ferry Inspector—James Farquharson. Phone M5906.

Provincial Department of Agriculture

Dairy Commissioners' Branch—Butter Grading Station, 348 Eleventh Ave. West. M2750.

Poultry Commissioner—J. H. Hare, 437 Tenth Avenue East. M3365.

Foreman and Produce Grader Government Cold Storage—James R. Flan. Phone—M2750.

Registration of Births, Marriages and Deaths

Registrar—D. Ormond, Land Titles Building.

Office Hours—9 a.m. to 5 p.m. Saturday, 9 to 1.

The Vital Statistics Act of the Province provides for the Registration of Births, Marriages and Deaths; the issuance of the necessary certificates; the placing of responsibility for the registration and penalties for non-compliance; and the fees and forms. For particulars write the Registrar.

Sole Registrar for Calgary and District.

Marriage Licenses for Calgary District are obtainable from Registrar only.

Public Health Clinic—Dr. J. E. Palmer, 500 Maclean Block.

Provincial Employment Bureau—Seventh Avenue and First Street East. M9521.

DOMINION GOVERNMENT OFFICES AND OFFICIALS IN CALGARY.

Inland Revenue

District Inspector—X. Saucier.

Offices—Customs Building. Phone M1785.

Weights and Measures

Offices—Customs Building. M1785.

District Inspector—G. D. Fyfe. Phone M3740.

Trade and Commerce Dept.—Electricity and Gas Inspection Service

Office—Room 22, Customs Building.

District Inspector—W. P. Kyle. Phone M5009.

Department of Health

Office—Room 21, Customs Building.

Inspector of Foods, etc. Phone M3740.

Royal Canadian Mounted Police

"E" Division.

Offices—Fifth Avenue and Centre Street. Phone—M6102.

Military District No. 13

Headquarters Offices—230 Seventh Avenue West.
Phone—M4955.

General Officer Commanding—Brig.-Gen. A. H. Bell, C.M.G., D.S.O. Phone M3692. Res. W4192.

A.A. & Q.M.G.—Lieut.-Col. D. W. B. Spry, O.B.E., P.P.C.L.I. Phone M3692.

Residence—605 Twenty-fourth Ave. West. Phone M2320.

General Staff Officer—Lieut.-Col. G. R. Pearkes. V.C., D.S.O., M.C., A.D.C., P.P.C.L.I. Phone M7118.
Residence: 9 Cornell Apartments.

District Engineer Officer—Major W. S. Lawrence, R.C.E. Phone M2276.

District Ordnance Officer—Lieut.-Col. E. J. Renaud, O.B.E., R.C.O.C. Phone M7071.

District Medical Officer—Colonel J. L. Potter, R.C.A.M.C. Phone M2767.

District Supply and Transport Officer—Major K. W. A. MacDougall, R.C.A.S.C. Phone M2818.

District Pay Master—Major G. D. Edwards. Phone M2071.

District Veterinary Officer—Lieut.-Col. D. Tambllyn, D.S.O., O.B.E., R.C.A.V.C. Phone M7118.

District Cadet Officer—Major L. W. Miller, D.S.O., P.C.S. Phone M4955.

Irrigation Branch

Office—513 Eighth Avenue West.

Acting Commissioner of Irrigation—V. Meek. C.E. Phone M6495.

Topographical Surveys. Phone M4910.

Dominion Water Power Branch

District Chief Engineer—A. L. Ford. Phone M3693.

Dominion Department of Agriculture

(Seed Branch)

Office—Immigration Building, Tenth Avenue and First Street East. Phone M3494.

Fruit Inspector—Immigration Building, Tenth Avenue and First Street East. Phone M7018.

Market Representative—Livestock Exchange. Phone E5922.

Grain Inspector—Lancaster Building. M3889.

Forestry Branch—Dominion Bank Building. Phones—M6380 and M2331.

Soldiers' Civil Re-Establishment,

Eighth Avenue and Second Street West.

Phone—M4651 (private exchange).

Orthopaedic Appliance Factory—M7061.

Colonel Belcher Hospital—M4196.

CALGARY POSTAL SERVICE

Post Office Department

Office—400 Customs Building.

District Superintendent—David A. Bruce.

Post Office Inspector—H. D. R. Stewart.

Phone—M1595.

Post Office

Postmaster—H. Hargreaves.

Main Office—Second Street West and Eighth Avenue.

Phone—M7492.

Letter Carrier Deliveries

In all residential districts there are two deliveries each week-day, commencing at 8 a.m. and 2.30 p.m. In the central or business district there are four deliveries each week-day at 8 a.m., 10 a.m., 2.30 p.m. and 4 p.m.

On week-days the street letter boxes (according to location) are cleared from nine times a day in the central districts to twice in the outside, except Sunday.

On Sunday, street letter boxes are cleared at 8 p.m.

On Public Holidays—New Year's Day and Christmas Day—there is a morning delivery only at 8 a.m. The outgoing mails are closed as usual. Street letter boxes are cleared at 8 p.m. only. The General Delivery, Insurance and C.O.D., Registration and Stamp Wickets are open from 8 to 10 a.m.

On Saturdays, except between December 16th and January 6th, there is only one letter carriers' delivery in the residential district, while two deliveries are made throughout the business centre at 8 and 10 a.m. respectively. All wickets close at 1 p.m., except General Delivery, Registration, Insurance & C.O.D. and Stamp Wicket, which are open to 9 p.m.

H.M. Customs—Port of Calgary

Suffrance Warehouse—C.P.R. Sheds. M6974.

Immigration Office

Immigration Building, Tenth Avenue and First Street East.

Agent—Arnold F. George. Phone M2773.

Department of Labor

Inspector Assistant Receiver-General—F. E. Harrison. Phone M4139.

Department of Trade and Commerce

Dominion Grain Inspector's Office—610-11-12-13, Lancaster Building.

Grain Inspector—George Hill.

Office Phone—M3889.

Dominion Lands Office

Offices—509 Eighth Avenue West.
Agent—William E. Talbot. Phone—M1531.
Inspector Dominion Land Agencies—M6241.
Inspector of Ranches—M3751.
Mining Lands, etc.—M7102.
Petroleum Engineer—M7102.
Dept. of Public Works. Architect—M4346.
Inspector of Taxation—M1693.

Board of Railway Commissioners

Calgary Office—405 Lancaster Building.
Assistant Engineer—Adam T. Kerr.
Inspector—J. H. Shinnick. Phone M6739.

Senator Resident in Calgary

Senator J. A. Lougheed, P.C., K.C. Phone M5994.

Members Representing Calgary in the Dominion House of Parliament

J. T. Shaw, M.P.
Wm. Irvine, M.P.

Members Representing Calgary in the Provincial Legislature

Hon. Alex. Ross, Minister of Public Works.
F. J. White, M.P.P.
W. M. Davidson, M.P.P.
R.C. Marshall, M.P.P.
Robt. Pearson, M.P.P.

Foreign Consuls Resident in Calgary

United States—E. C. Reat, P. Burns Building.
Netherlands—J. W. Hugill, Land Building.
Sweden—John E. Forsland, c/o D.N.R., C.P.R.
Danish—P. Pallesen, 602 Third Avenue West.
Phone M9591.
France—B. de Roussy de Sales, 412 Grain Exchange. Phone M1916.
Italian—Antonio Milano, 201 Third Street N.E.
Norwegian—J. I. Mason, 715 Centre Street.

STATISTICS

Area of City—40 ½ square miles.
Population, 1923 (estimated), 70,000.
Death Rate, 1922 (basis population 70,000):
Nett 7.6 per 1,000.
Infantile Death rate, per 1,000 births—70.2.
Altitude—At C.P.R. Station, 3,439 feet.
Wages paid, 1922, by Municipality—\$1,934,466.60.
Banks—12 Main and 9 Sub-Branches.
Hotels—40.
Railways—Three main and four branch lines.
Trackage—Miles of, in Railway yards—118.
Automobiles—Number of owners—4,000.

Grain Elevators—Five.
Theatres, including Moving Pictures—Seven.
Churches and Places of Worship—112.
Colleges—Six.
Business Colleges—Five.

Municipality owns and operates—

Electric Light and Power System.
Waterworks System.
Street Railway System.
Sewerage System.
Parks System.
Asphalt Paving Plant.
Municipal Public Market.
Industrial Sites (for sale at cost).
Stores and Purchasing Department.
Relief Department.
Incinerators and all of the usual Executive Departments.
Hospitals.

Street Railway—1922.

Motor Cars, Passenger—85.
Work, etc.—Six.
Trail Cars—Six.
Car Miles—2,907,473.
Car Hours—296,681.
Passengers Carried—Fare14,421,825
Transfer 3,233,842
Total17,655,667

Railway Track (paved) Miles—35.
Railway Track (unpaved) Miles—48.
Capital invested, 1922—\$2,648,481.15.
Earnings—\$881,684.37.
Expenditure—\$882,085.48.

Waterworks

Dec. 31st, 1922

Mains—205.36 miles.
Gravity Line—13 miles.
Water Connections—14,078.
Number of Hydrants—1,088.
Number of Taps, Public—61.
Public Water Troughs—6.
Drinking Fountains—7.

Water Consumption

Year	Gallons
1918	3,577,615,000
1919	3,911,730,000
1920	3,986,728,000
1921	4,175,852,000
1922	4,445,000,000

Streets

Dec. 31st, 1922

Paved—63.05 miles.
Gravelled—16 miles.
Curb and Gutter—74.95 miles.
Curb—4.35 miles.
Graded—135.31 miles.
Boulevard—52 miles.
Concrete Walks—160.91 miles.
Bridges—18.

Street Lighting

Street Lights—2,439.
Conduits—20.83 trench miles.
Conduits—118.59 duct miles.

Police

Police, including Officers—86.
Police Patrol System.

Fire

Men, including Officers—98.
Public Street Alarm Boxes—156.
Semaphores for Signalling—7.
Fire Stations—Seven in commission.

Parks

Number of—10.
Area in Acres—622.16.
Value of Land—\$2,193,028.50.
Cost of Improvements, Operation and Maintenance, 1913 to 1922: \$694,968.20.
Revenue Earned, 1913 to 1922—\$149,817.49.
Cost per capita, 1922—\$1.04.
Children's Playgrounds Equipped—31.

Sewers

Miles of—210.76.
Connections—9,676.
Manholes—2,101.
Catch Basins—1,663.

Schools

Public, number of—42.
High Schools—5.
Teachers—352.
Pupils—13,150.
Separate, number of—8.
Teachers—38.
Pupils—1,323.

Statistics
Births, Marriages and Deaths

Year	No. of Births	No. of Marriages	No. of Deaths
1874 to 1889	541	258	175
1910	1085	762	700
1911	1316	970	755
1912	1786	1286	1000
1913	2368	1399	976
1914	2362	1128	794
1915	2216	976	712
1916	2161	993	700
May 1st to Dec. 31st, 1917—			
1917	1359	631	443
1918	2074	925	1149
1919	2018	1170	884
1920	2452	1318	940
1921	2314	1111	820
1922	1879	846	736

CALGARY'S GROWTH
As Shown by Population

1884	506
1910	50,000
1911	55,000
1912	70,000
1913 Estimated	85,000
1913 (Estimated by Directory)	90,324
1914 Estimated	90,000
1915 Estimated	80,000
1916 Census statistics (June)	56,302
1917 Estimated	65,000
1918 Estimated	70,000
1919 Estimated	75,000
1920 Estimated	75,000
1921 Census	63,305
1921 Estimated	70,000
1922 Estimated	70,000
1923 Estimated	70,000

Year	Building Permits No. of Permits	Amount
1904	—	\$ 880,193.00
1910	1499	5,589,594.00
1911	2619	12,907,638.00
1912	3483	20,394,220.00
1913	2078	8,619,653.00
1914	1255	3,425,350.00
1915	272	150,550.00
1916	175	653,500.00
1917	197	548,200.00
1918	—	1,196,800.00
1919	676	2,211,100.00
1920	870	2,806,100.00
1921	740	2,298,800.00
1922	649	8,102,700.00

Year	Postage Stamps Sold	Amount
1900	—	\$ 11,611.45
1910	—	125,749.04
1911	—	158,513.00
1912	—	229,036.79

1918	311,400.91
1914—Jan. 1 to Dec. 31	312,454.23
1915	350,293.00
1916	411,334.96
1917	485,331.50
1918	453,881.27
1919	460,091.34
1920	517,038.06
1921	494,404.60
1922	550,169.29

Customs Returns; Port of Calgary

Year	Amount
1907	\$ 604,358.07
1910	1,005,555.53
1911	1,740,567.08
1912	2,642,732.77
1913	2,431,630.94
1914	1,386,052.70
1915	873,386.40
1916	1,240,749.36
1917	2,063,331.21
1918	1,868,949.21
1919	1,713,428.74
1920	2,100,199.28
1921	See Customs and Excise.

Inland Revenue

Year	Amount
1900-1901	\$ 41,803.01
1909-1910	350,445.05
1910-1911	425,008.29
1911-1912	523,330.55
1912-1913	1,026,472.71
1913-1914	633,513.35
1914-1915	694,543.33
1915-1916—April 1 to March 31	539,498.56
1916-1917—April 1 to March 31	427,240.13
1917-1918—April 1 to March 31	179,231.33
1918-1919—April 1 to March 31	359,328.43
1919—April 1 to Dec. 31	321,420.90
1920	971,365.17
1921	See Customs and Excise.

Customs and Excise Collections

Year	Amount
1921	\$2,111,333.50
1922	2,125,640.00

Calgary Bank Clearing Returns

Year	Amount
1909	\$ 98,754,339.00
1910	150,677,031.00
1911	213,631,921.00
1912	275,492,303.00
1913	247,382,928.00
1914	201,669,873.00
1915	169,758,599.00
1916	233,097,671.00
1917	343,663,426.00
1918	331,334,577.00
1919	355,011,589.00
1920	483,073,277.00
1921	335,465,202.00
1922	263,240,201.00

LIVESTOCK UNLOADED AT STOCKYARDS, CALGARY

Year	Cars handled	Horses	Cattle	Calves	Hogs	Sheep
1913	4,728	7,640	34,422	-----	26,139	17,051
1914	9,149	10,660	42,311	-----	194,162	34,055
1915	8,576	17,575	43,445	-----	161,514	13,147
1916	10,695	23,084	71,870	-----	121,568	25,087
1917	14,728	25,694	92,578	-----	127,948	25,231
1918	18,203	25,154	145,545	-----	139,675	55,670
1919	19,942	31,320	216,513	-----	81,231	69,359
1920	11,896	19,125	113,774	15,483	36,471	99,515
1921	9,764	10,307	90,670	14,439	55,811	107,817
1922	11,392	7,607	115,041	20,693	91,271	93,597

VOTE STATISTICS

The following votes under "Proportional Representation" were given at the election held December 13th, 1922.

For Mayor

No. of votes required to elect (quota)	6,609
	No. of 1st Count
	choices elected Term
Webster, Geo. H.	7,057 1st 1923
Costello, M. C.	5,103 Defeated
Worsley, James E.	1,056 "
Total	13,216 (Rejected 267).

For Commissioner

No. of votes required to elect (quota)	6,564
	No. of 1st Count
	choices elected Term
Graves, Arthur G.	5,004 2nd 1923-24
Smith, Angus	5,325 Defeated
Samis, A. J.	2,797 "
Total	13,126 (Rejected 357)

For Aldermen

No. of votes required to elect (quota)	1,621
	No. of 1st Count
	choices elected Term
White, F. J.	1,962 1st 1923-24
Osborne, F. E.	1,810 1st 1923-24
Crawford, T. H.	1,544 5th 1923-24
Johnston, F. H.	1,329 8th 1923-24
McDermid, N. I.	1,011 10th 1923-24
Russell, J. W.	876 11th 1923 only
Little, W.	812 11th 1923-24
Arnold, J. S.	964 Defeated
Peacock, M. B.	865 "
McTaggart, A.	682 "
Corse, Mary S.	551 "
Pryde, Harry	353 "
Bell, Charles	203 "
Total	12,962 (Rejected 521)

For Public School Trustees

No. of votes required to elect (quota)	2,999
	No. of 1st Count
	choices elected Term
Carson, Marion	3,111 1st 1923-24
Macaulay, V. H.	2,951 2nd 1923-24
Silvester, G.	1,988 4th 1923-24
Woodhall, Lillie C.	1,837 Defeated
McIlroy, George	1,457 "
Drummond, John	649 "
	11,993

For Separate School Trustees

(Elected by acclamation)	Term
Harcourt-O'Reilly, P.	1923-24
Sandgathe, F. N.	1923-24

Bylaw 2139—Swimming Pool.

For, 1,898; against, 4,317; rejected, 363. (Defeated).

Plebiscites

Re Election or Appointment of Commissioner—For election, 9,792; for appointment, 1,384; rejected, 2,221.

Re Payment of Aldermen—For payment, 4,557; against, 7,128; rejected, 1,776.

Re Continuing to Levy Service Tax—In favor, 5,421; against, 5,948; rejected, 2,022.

NOTE: The chief reason for so large a number of rejected ballot papers re Money Bylaw and Plebiscites is that many ballot papers were returned unmarked.

Voting September 13th, 1922.

Plebiscite re Imperial Oil Agreement—For, 3,906; against, 26; rejected, 29.

School Bylaw No. 7—Pryce Jones Building—For, 1,037; against, 2,918; rejected, 87.



STATEMENT OF ASSESSMENT

Year	Land	Valuation at per cent	Buildings	Valuation at per cent	Personal	Valuation at	Income	Total
1885	80	80	80	80	80	80	80	80
1886	80	80	80	80	80	80	80	80
1887	80	80	80	80	80	80	80	80
1888	80	80	80	80	80	80	80	80
1889	80	80	80	80	80	80	80	80
1890	80	80	80	80	80	80	80	80
1891	80	80	80	80	80	80	80	80
1892	80	80	80	80	80	80	80	80
1893	80	80	80	80	80	80	80	80
1894	80	80	80	80	80	80	80	80
1895	80	80	80	80	80	80	80	80
1896	80	80	80	80	80	80	80	80
1897	80	80	80	80	80	80	80	80
1898	80	80	80	80	80	80	80	80
1899	80	80	80	80	80	80	80	80
1900	80	80	80	80	80	80	80	80
1901	80	80	80	80	80	80	80	80
1902	80	80	80	80	80	80	80	80
1903	80	80	80	80	80	80	80	80
1904	80	80	80	80	80	80	80	80
1905	80	80	80	80	80	80	80	80
1906	80	80	80	80	80	80	80	80
1907	80	80	80	80	80	80	80	80
1908	80	80	80	80	80	80	80	80
1909	80	80	80	80	80	80	80	80
1910	80	80	80	80	80	80	80	80

STATEMENT OF ASSESSMENT—(Continued)

Year	Land	Valuation at per cent	Buildings	Valuation at per cent	Personal	Valuation at	Income	Total
1911	40,924,800	90	7,299,895	50	4,522,905	2-3rds.	None	52,746,600
1912	102,260,915	100	5,203,405	25	4,133,815	2-3rds.	None	112,559,400
1913	120,801,588	100	7,293,090	25	4,928,970	2-3rds.	None	133,023,618
1914	119,842,255	100	9,308,525	25	5,735,645	2-3rds.	None	134,886,425
1915	97,708,425	100	10,043,780	25	6,055,530	2-3rds.	None	113,807,735
1916	72,740,609	100	10,127,570	25	x1,999,912	100%	*330,000.00	85,198,091
1917	68,606,478	100	10,130,810	25	x1,871,498	100%	*330,000.00	80,938,781
1918	65,727,733	100	10,170,985	25	x2,024,596	100%	*550,000.00	78,473,414
1919	57,039,421	100	20,359,845	50	x2,252,836	100%	*550,000.00	83,202,102
1920	52,576,694	100	20,315,010	50	x2,866,644	100%	*550,000.00	76,808,348
1921	49,351,465	100	22,236,130	50	x3,266,618	100%	*550,000.00	75,404,213
1922	42,947,792	100	22,731,520	50	x3,775,306	100%	*550,000.00	70,004,618

* Special Franchise. x Business Tax.

In considering Total Assessment on which Mill Rate is payable, deduct the Business Assessment from total, and for 1922 the sum of \$305,380.00, which is subject to a 20 mill rate only.

TAX RATES

Year	Total Rate Mills	Municipal General No. Mills	School No. Mills	Hospital No. Mills	Library No. Mills	Parks No. Mills	Debenture No. Mills	Special Fund No. Mills
1885	10	....	....	....	....	....	....	Nil
1886	....	....	....	....	....	....	....	Nil
1887	20	....	....	....	....	....	....	Nil
1888	13	13	3	....	....	....	....	Nil
1889	15	....	....	....	....	....	....	Nil
1890	15	8.5	2	....	....	....	4.5	Nil
1891	18	12	2	....	....	....	4	Nil
1892	13	9	2	....	....	....	2	Nil
1893	15	9	4	....	....	....	2	Nil
1894	12	8	4	....	....	....	....	Nil
1895	16	9	4	....	....	....	3	Nil
1896	20	10	6	....	....	....	4	Nil
1897	20	10	5	....	....	....	5	Nil
1898	20	10	5	....	....	....	5	Nil
1899	18	8	5	....	....	....	4	Nil
1900	19	10	5	....	....	....	5	Nil
1901	20	10	5	....	....	....	5	Nil
1902	21	10	6	....	....	....	5	Nil
1903	21	10	6	....	....	....	4	Nil
1904	22	10	6 1/2	....	....	....	5 1/2	Nil
1905	22	10	7 1/2	....	....	....	4 1/2	Nil
1906	22	10	6	....	....	....	6	Nil
1907	18	9	5	....	....	....	4	Nil
1908	18	9	5	1 1/2	....	....	3 1/2	Nil
1909	21 1/2	10	7 1/2	.5	....	....	3 3/4	Nil

TAX RATES—(Continued)

Year	Total Rate Mills	Municipal General No. Mills	School No. Mills	Hospital No. Mills	Library No. Mills	Parks No. Mills	Debt No. Mills	Special Fund No. Mills
1910	15	7 1/2	4 1/2	1/4	1-3rd	3-5ths	3 1/2	Nil
1911	14 1/2	7 19-60ths	3 1/2	1/4	1-3rd	3-5ths	2 1/2	Nil
1912	12 1/2	7.4100	2.6313	.2266	.1550	.3750	1.7021	Nil
1913	18 3/4	10.2886	3.0298	.5634	.5418	.1505	4.1760	Nil
1914	20.75	9.129	5.61	1.0567	.1854	.7376	4.0313	Nil
1915	19.50	7.2331	5.5085	.8828	.1757	.5272	5.1727	Nil
1916	21.50	2.4919	7.5058	.3058	.1322	.7347	9.8296	Nil
1917	26.50	5.2221	8.7012	1.0000	.1773	.5781	10.8213	Nil
1918	31.00	5.5674	9.6680	1.2754	.2446	.5053	11.4893	2.26
1919	35.50	8.8661	10.2206	2.7188	.2591	.9832	11.7022	.75
1920	44.75	12.6874	13.9345	3.3248	.4602	1.1881	11.9050	.75
1921	46.675	6.8294	16.140	2.8875	.4381	1.0300	18.6000	.75
1922	46.675	8.8652	17.8967	3.4475	.4549	1.0125	14.2482	.75
1923	Business tax rate, 10 per cent.							

SPECIAL LEVY—Provincial Treasury, on Land Values only (No. of Mills) 2.09

UNION OF ALBERTA MUNICIPALITIES, 1923

President—Mayor Duggan, Edmonton.

Secretary-Treasurer—J. D. Saunders, Camrose.

TELEPHONES

Number of telephones: 16,296 automatics.

The Telephone System in use in the City of Calgary is a portion of that owned by the Provincial Government, known as the Alberta Government Telephones, and affords telephone communication throughout the Province of Alberta.

Calgary has also long distance telephone connections with points on the Kootenay Telephone Lines, Limited, in British Columbia, points of the Mountain States Telephone and Telegraph Company in Montana, and with certain points in Saskatchewan (See Telephone Directory).

Persons whose business takes them to the rural districts, or the population of these districts can, for a nominal sum, converse with their friends in Calgary, or order supplies, repairs for machinery, etc., from said City without the necessity of visiting the aforementioned municipality.

Automatic phones are the order of the day in Calgary and "Central" has employment only with those firms who have installed private switchboards.

The following are the rates charged for telephone service in the City:

Business—

One desk Set, per month	\$5.25
One Wall Set, per month	5.00

Residence—

One Desk Set, per month	2.75
One Wall Set, per month	2.50

Extension Sets

Business—

One Wall Extension Set, per month	1.00
One Desk Extension Set, per month	1.25

Residence—

One Wall Extension Set, per month .....	.50
One Desk Extension Set, per month .....	.75

Service Connection Charge—

A Service Connection Charge of \$3.50 is made for each instrument (main telephone or extension). Where telephone is already installed a service connection charge of \$1.50 is made. Service connection charge on extension bells, \$2.00.

Extension Bell Rates—

Ordinary Extension Bell, per month	\$.25
Loud Ringing Gong, per month .....	.50

Moving Charges

(Exclusive of private branch exchange equipment)
Applicable to all exchanges—

1. From one position to another in same room. Per instrument 1.00

2. From one room to another on same floor, or from one floor to another in same building; no outside wiring being required. Per instrument 2.00
3. From one building to another. Per instrument 3.50
4. Where a telephone is already installed and no inside move is required, a charge of \$1.50 will be made.
5. The charge for an inside or outside Rural Move will be the entire cost incurred in doing the work.
6. Where the above rates do not apply, an estimate of cost will be furnished subscriber on request, previous to work being proceeded with.

Joint Users pay half monthly rate as: Subscriber pays 5.00

Joint Users (with use of same instrument) 2.50

Any telephone within 2 ½ miles from the Exchange pays the tariff as stated above.

Any subscriber outside the radius is charged 50c per month per ¼-mile or fraction thereof in addition to the regular tariff.

Private Branch Exchanges—

Tariff under consideration.

Exchange Lines\$60.00

Local Desk Sets, connected to the switch-board 17.00

Local Wall Sets connected to the switch-board 15.00

For particulars as to Rural Phones and other information, apply at the office of the Alberta Government Telephones, Calgary.



Street Traffic Rules

EXTRACTS FROM BY-LAW No. 2099

(The Traffic By-law of the City of Calgary; copy to be had from the City Clerk.

Don't park within 15 feet of a fire hydrant.

Don't park within 15 feet of a corner (property line).

Don't park more than 12 inches from the curb.

Don't park where police signs are erected.

Don't park in front of a fire escape.

Don't park so as to block entrances of public buildings.

Don't turn a corner without first giving a signal.

Don't turn in the middle of a block.

Don't turn corners at a greater speed than 10 miles per hour.

Don't make a complete turn at First Street West and Eighth Avenue intersection.

Don't pass a standing street car.

Don't use a muffler cut-out.

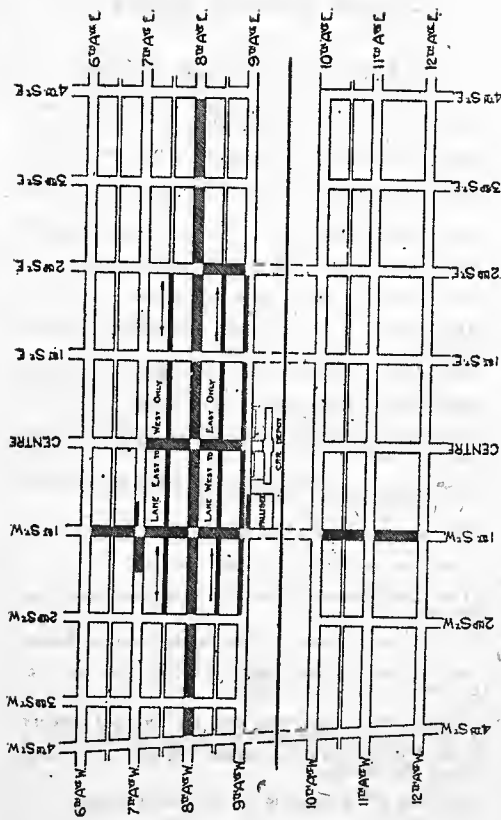
Don't omit to report accidents to the Police Department.

Don't allow anyone to ride on the running board.

Don't travel faster than 20 miles per hour in the City.

Don't travel even that fast on crowded streets, as the law demands you to go no faster than is reasonable and proper, having regard to the safe use of the streets.

Parking—See diagram on following page.



Shaded areas restricted to 20 minutes parking limit except Sundays.

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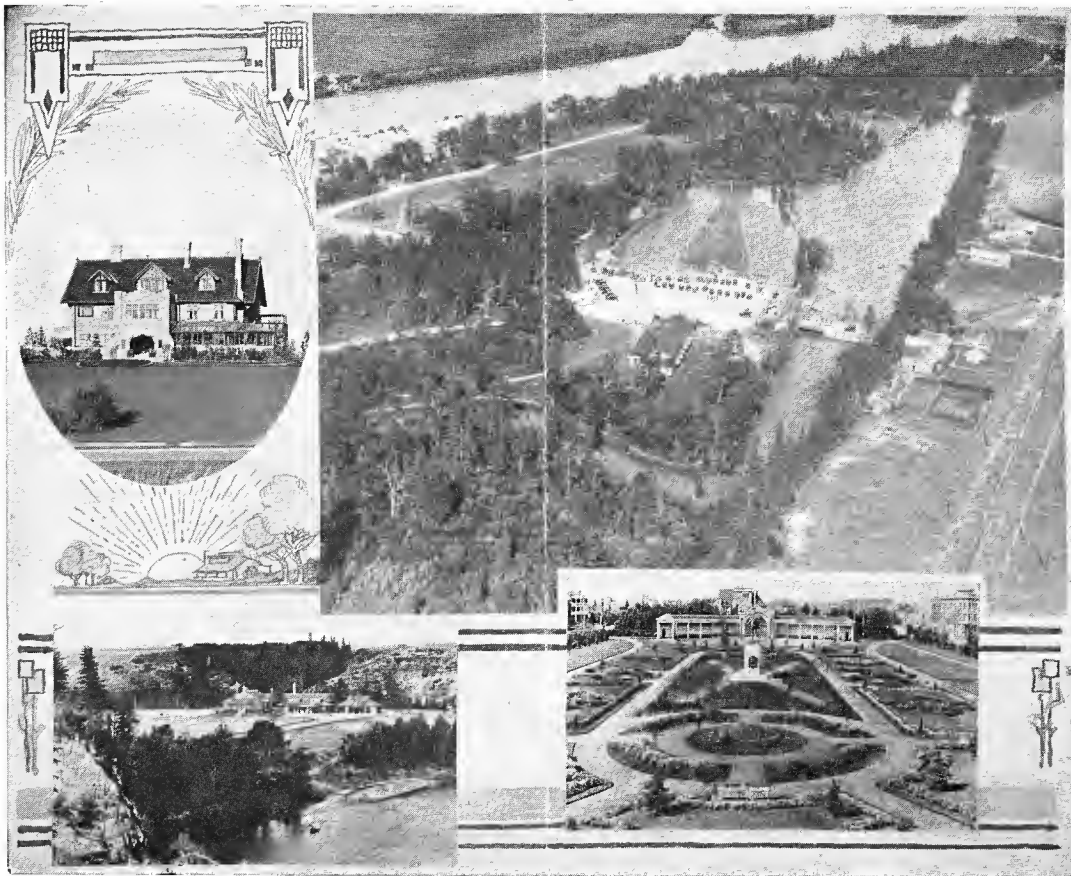
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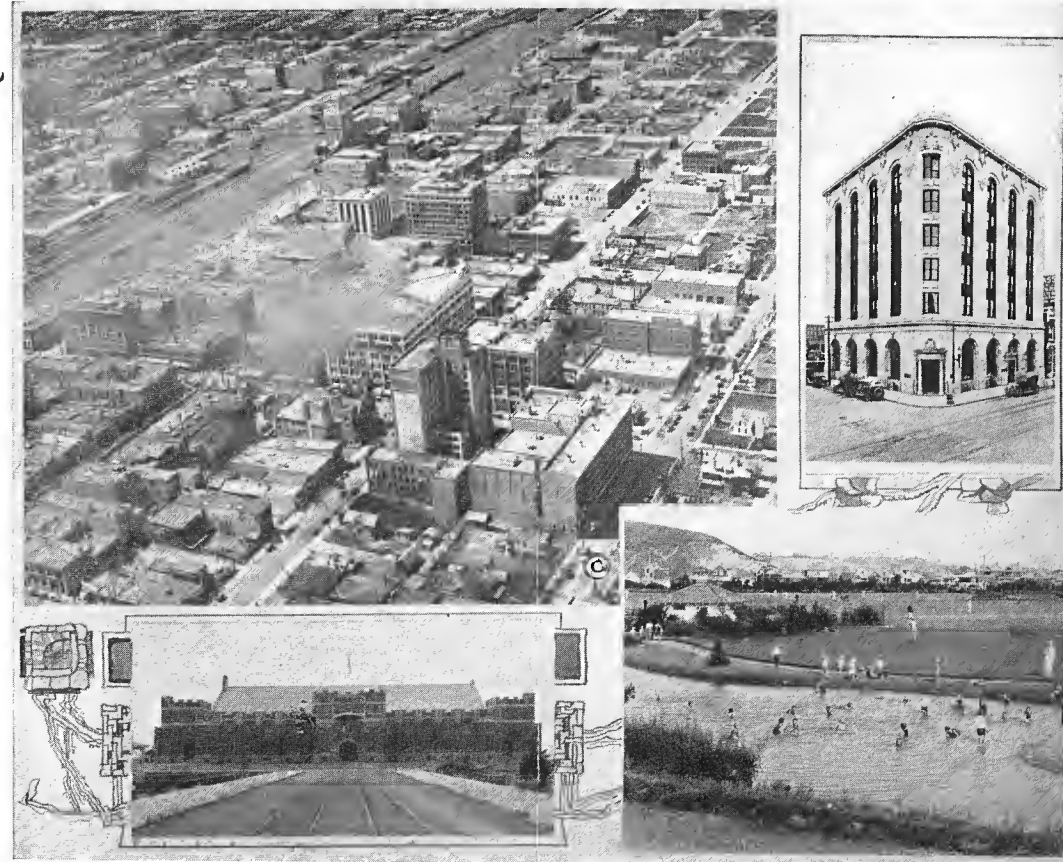
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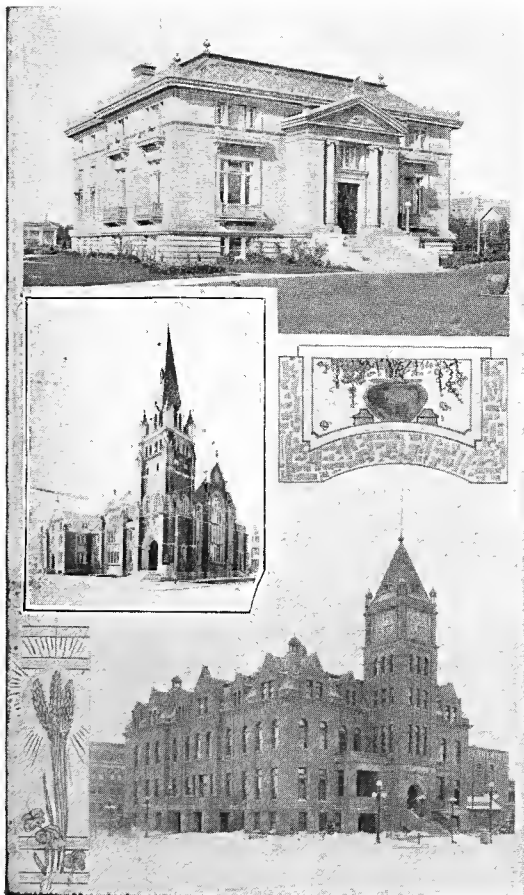
Residence
Golf and Country Club

Aerial View of Bowness Park
Central Park

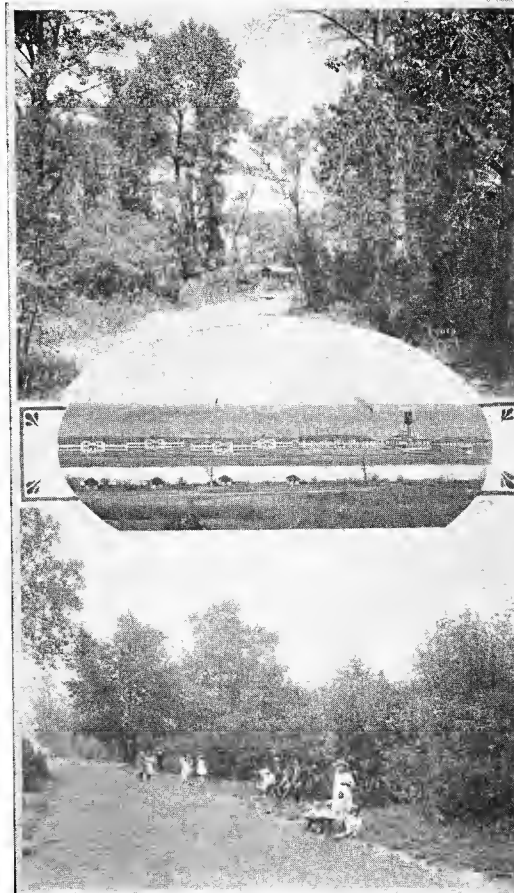


Aerial View of Business District
Armouries Building

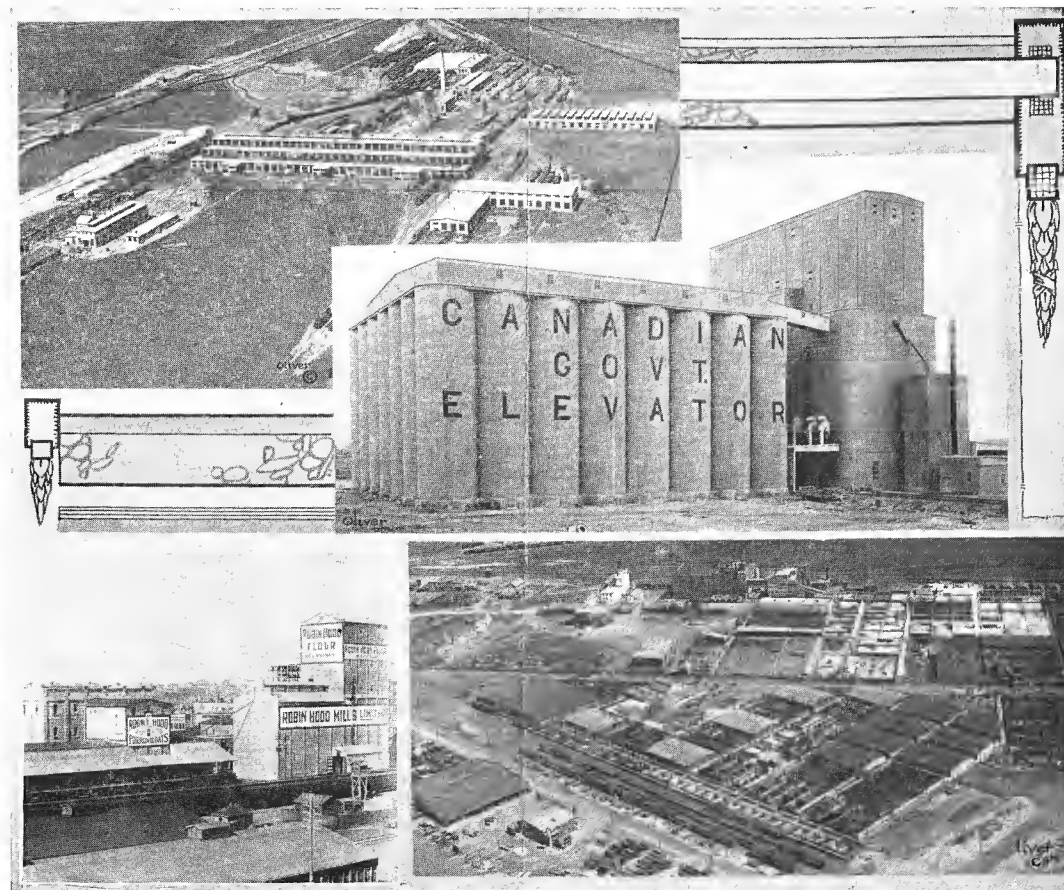
Canada Life Building
Recreations, Riley Park



Public Library
First Baptist Church
City Hall



Auto Camp, St. Patrick's Island
Keith Sanatorium
St. George's Island



C. P. R. "Ogden" Shops
Milling Industry

Alberta Stockyards, Calgary



